

*An Arithmetical Extraction:*

O R, A

COLLECTION

Of Eight Hundred

*Questions with their Answers,*

Throughout all the usual Rules of

ARITHMETICK.

Most Useful and Necessary

To all Teachers of Arithmetick, for sufficient and speedy Instruction of all such persons as desire to be made quick, ready and perfect therein.

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Most carefully Composed, Collected and Written

By *John Speidell*, Late Professor of the  
Mathematicks, in *London*.

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*The Second Edition Carefully Corrected,*

To which is Added

Tables of Foreign Money, and the  
Authors Method of Teaching;

By *EUCLID SPEIDELL*.

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L O N D O N:

Printed by *H.C.* for *Whillip Lea*, Globe-maker, at the *Atlas and Hercules* in the *Poultry*, against the *Old-Jury*, 1686.

An American Collection

O. R. A.

COLLECTION

O. R. A.

Questions with the

Answers

to the

Questions

of the

Commissioners

of the

Board of

Education

of the

State of

Massachusetts

1862

Printed by



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To my much respected  
Friend Mr. *Nathaniel*  
*Denew.*

S I R,

**H**AVING had for  
sometime whilst  
you Boarded at  
my house, the opportuni-  
ty of instructing you in  
*Arithmetick*; and chiefly  
in the *Questions* of this  
Book, which you took  
the pains to work for the

A 2            most

*The Epistle Dedicatory.*

most part, besides the trouble you gave your self in Transcribing of it, there being none at that time to be found amongst the Booksellers. Pardon me Sir, if I think there cannot be a Person more fit to Patronize the same. I have been careful to Correct this Impression, which you will easily perceive and discern. And that I do not only take this opportunity to acquaint

*The Epistle Dedicatory.*

quaint you, how greatly  
satisfied I was in your  
great pains and industry  
you took in these Arts,  
but that at all times I  
shall be ready to assist  
you in what I can, and  
remain

*Your Loving and*

*Obliged Friend*

*and Servant*

*E. SPEIDELL.*

A 3

To

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To the Courteous

# READER.

**H**AVING been by divers persons sundry times desired to Re-print this Book of my Fathers, and having now several Sons growing up and fit to learn Arithmetick, I was the more willing it should be Re-printed; for that also there are none of the former Impression to be had, and too tedious for them or others to transcribe. I have been careful to Correct it, and do not doubt but this Impression is very free from Errors. There needs not much be said in Praise of a work of this nature; but the Ease and Benefit both to Teachers and Learners are great, for the Master need not study for a Question

## To the Reader.

Question nor the Scholar be idle for want: there being in this Treatise near Eight Hundred Questions with their Answers. And tho' it doth not in its particular Rules proceed just after the usual way taught in Schools, yet may the Scholar find more than sufficient Questions in the Rules hereof, and easily apply them to their Methods. The first Rule hereof is Reduction, wherein there is Two Hundred Questions with their Answers, sufficient to make a Scholar perfect in that Rule. The next is, The Rule of Three in whole Numbers, which proved in operation by a Backward framing will likewise be Two Hundred Questions in this Rule, and more than sufficient to make him expert in the Rule of Three.

Then follows The Rule of Practice, in whole Numbers, wherein there is One Hundred Questions with their Answers. And if the  
Scho-

## To the Reader.

Scholar goes through them he will no doubt be ready and perfect in this Rule of Practice.

Afterwards you have the Rule of Practice with Fractions, wherein is one hundred and thirty Questions with their Answers. And these being attained, will make the Scholar perfect in usual Questions of Trade, especially if he handle the Fractions after that way my Father taught. One or two Questions of the Rule of Practice with Fractions being at the end of the Book, done after that way.

Then cometh the Rule of Three, in whole Numbers and Fractions, wherein is such variety of Questions (being one hundred) that the working thereof will be very pleasant and profitable to the industrious.

After comes the Accounts for Cassiers, wherein are sixty Questions with their Answers; which Questions being learned will make the Student



## To the Reader

Student very ready and expert in Exchange.

Lastly, cometh the Title of Divers Daily Accounts, wherein is Eighty Questions with their Answers, and these Questions are various, and useful and do much occur in Trade.

The Reader will find in the foregoing Rules divers Questions in terms of Factorage, Interest, Barter, Allegation, and Rule of False Position, so that having gone through this Treatise, he need not doubt but to be ready and perfect in the usual Questions of Trade. Thus have you a brief account of this Book of Arithmetical Questions, and tho' but brief, yet very useful and beneficial, and so it will appear when the Scholar shall arrive to the handling and working of Fractions after the Method my Father instructed, which I have communicated to my loving Friend Mr. Reeve Williams, Professor of Mathematics

## To the Reader.

ticks in London, who hath lately done into English out of the French, D'Chales Euclid, and performed the same well, the Diagrams of which being from Copper-Plates (whereas the French are from wooden Cuts) which Euclid must needs be taking and delightful to the Readers thereof; this having Uses subjoined to each Proposition, which was not to any English one before. Kind Reader wishing thee a sweet and pleasant progress in the Arithmetical Questions of this Book, and a full attainment of the Benefit thereof, I remain

A well-wisher to all Students  
herein,

Euclid Speidell.

## *Advertisement to the Reader.*

In this Impression I have thought fit to insert Tables of Forreign Money, which are in several parts of this Book mentioned, for the more Ease and Benefit of the Studious therein, and are as followeth.

		<i>Pattars Floren.</i>	
		20	make 1
Mailles	24	}	1
Gigoes	8		1
Liarts	4		1
Kritzers	3		1

And sometimes Seventy two Kritzers make one Floren.

Kritzers	Patzen	Floren
4 make	15 make	1
	Albus	
Pence	27 make	1
8 make	1	
	Grosch	
	22 make	1
12 make	1	
Lubish sh.	Doller	
32 make	1	
	Peices	Get
Pence	4 make	1
42 make	1	
35 make	1	

And sometimes more or less according as the Exchange riseth or falleth.

Florens

**Florentine Pound**  
6 make 1  
Other Foreign Peices, viz. Ducats, Pistols, Cardcus, Flemish Marks, Pounds; may be more or less then what the Reader may meet with in Questions thereof, according as the Exchange riseth.

As for Tables of English weight, Measure and Tale, they being so common and obvious to every one, I have here omitted them, as also because the Practitioner may meet with their Explikations in Questions treating of them in divers places under the Title of Reduction.

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## Advertisement.

**N**avigation, and all the Parts of the Mathematicks, are Taught in English and French, by Mr. Reeve Williams, at the Virginia Coffee-house, in St. Michael's Alley, in Cornhill, near the Royal Exchange, London.

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An

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A N  
ARITHMETICAL  
**Extraction,**

Or, A Choice  
*COLLECTION*  
O F  
Questions & Answers.

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fa

*Reduction.*

1 **I**N 147 shillings how many pence, facit. 1764.

2 In 902 shillings how many pence facit 10824.

3 In 2179 shillings how many pence facit 26148.

B

4 In

4 In 352 shillings and 9 d. how many d. facit 4233.

5 In 754 shillings 7 d. how many d. facit 9055.

6 In 3146 shillings and 11 d. how many d. facit 37763.

7 In 257 l. how many s. facit 5140.

8 In 798 l. how many s. facit 15960.

9 In 3076 l. how many s. facit 61520.

10 In 147 l. 7 shillings, how many shillings, facit 2947.

11 In 594 l. 15 s. how many shilling, facit 11895.

12 In 3097 l. 19 s. how many shillings, facit 61959.

13 In 437 l. how many d. facit, 104880 d.

14 In 593 l. how many d. facit 142320 d.

15 In 3907 l. how many d. facit 937680 d.

16 How many d. doth 238 l. 12 s. contain, facit 57264.

17 How many d. shall one count for 793 l. 17 s. facit 190524.

18 What number of d. may be contained in 2179 l. 13 s. facit 523116 d.

19 Item, one hath 49 l. 13 s. 7 d. how



how many d. is that, facit 11923.

20 How many d. is 254 l. 12 s. 5 d. facit 61109.

21 In 3254 l. 14 s. 11 d. how many d. facit 781139.

22 In 2070 l. 12 s. 10 d. how many facit 496954.

23 In 375 l. how many farthings, facit 360000.

24. In 149 l. 13 s. how many farthings, facit 143664.

25 In 742 l. 11 s. 7. how many farthings, facit 712876.

26 In 2503 l. 14 s. 9 d.  $\frac{1}{2}$ . how many farthings, facit 2403590.

27 In 910 l. 12 s. 3 d.  $\frac{1}{4}$  how many farthings, facit 874191.

28 In 1473 d. how many shillings, facit s. 122 d. 9.

29 In 32754 d. how many shillings, facit s. 2729 d. 6.

30 In 359147 farthings how many shillings, facit s. 7482 d. 2 and 3 farthings.

31 In 59732 farthings how many s. facit s. 1244 d. 5.

32 In 820073 farthings how many shillings, facit s. 17084 d. 10 farthings 1.

33 In 5703 shillings, how many l.  
facit l. 289 s. 13.

34 In 31759 shillings how many l.  
facit l. 1587 s. 19.

35 In 27543 shillings 6 d. how many  
l. facit l. 1377 s. 3 d. 6.

36 In 17953 s. 11 d. how many l.  
facit l. 897 s. 13 d. 11.

37 In 10075 s. 10 d. how many l.  
facit l. 503 s. 15 d. 10.

38 How many l. is 21756 pence,  
facit l. 90 s. 13.

39 How many l. is 175934 pence,  
facit l. 733 s. 1 d. 2.

40 In 591743 d. how many l. fa-  
cit l. 2465 s. 11 d. 11.

41 In 514320 farthings, how many  
l. facit l. 535 s. 15.

42 How many l. is 502143 far-  
things, facit 523 l. 1 s. 3 d. 3  
farthings.

43 In 137254 half-pence, how  
many l. facit l. 285 s. 18 d. 11.

44 In 427597 half-pence, how many  
l. facit l. 890 s. 16 d. 6  $\frac{1}{2}$ .

45 In 549739 half-pence, how  
many l. facit l. 1145 s. 5 d. 9  $\frac{1}{2}$ .

46 In 153 florens, how many pat-  
tars,

## *Reduction.*

5

tars, when 20 patt. make 1 floren,  
facit 3060.

47 In 3279 florens, how many pat-  
tars, facit 65580.

48 In 752 florens, 14 pattars, how  
many pattars, facit 15054.

49 In 253 florens, 16 pattars, how  
many pattars, facit 5076.

50 In 419 florens, how many mailles,  
when 24 mailles make 1 pattar, facit  
201120 mailles.

51 In 527 florens 17 pattars how  
many mailles, facit 253368.

52 How many gigos are 197 flo-  
rens 4 gigos, when 8 gigos make 1  
pattar, and 20 pattar, 1 florens, facit  
29524.

53 In 295 florens 5 gigos, how  
many gigos, facit 47205.

54 In 321 florens 17 pattars, how  
many gigos, facit 51496.

55 In 239 flor. 7 gigos, how many  
liarts, when 2 gigos makes 1 liart,  
facit liarts 19123. gigos 1.

56 How many liarts is 149 florens,  
when 80 liarts is 1 floren, facit 11920  
liarts.

57 How many florens is 271493  
mailles, facit florens 565. pattars 12.  
mailles 5.

58 In

58 In 175325 mailles, how many florens, facit 365. pattars 5. mailles 5.

59 In 31549 gigos, how many florens, facit 197. florens, 3 pattars, 5 gigos.

60 In 14796 liarts, how many florens, facit 184 florens 19 pattars.

61 In 39751 liarts, how many florens, facit 496. florens, 17 pattars, 3 liarts.

62 In 14973 liarts, how many florens, facit 187 florens, 3. pattars, 1 liart.

63 In 519 florens, 17 pattars, 3 liarts, 1 gigo, how many gigos facit, 83183 gigos.

64 In 347. florens, 11. pattars, 2 liarts, 1 gigo, 2 mailles, how many pattars, liarts, gigos and mailles, facit 6951 pattars, 27806 liarts, 55613 gigos and 166841 mailles.

65 In 142 florens, 4 gigos, how many mailles, facit 68172.

66 In 219 fl. 3 liarts, how many mailles, facit 105138.

67 In 168 fl. 14 mailles, how many mailles, facit 80654 mailles.

68 In 259 fl. 3 liarts, how many gigos, facit 41446.

69 In

69 In 412 fl. 5 gigos, how many liarts, *facit* 32962½.

70 How many liarts is 237 fl. 19 pattars, *facit* 19036.

71 In 417 fl. how many kritzers, when 60 kritzers makes 1 fl. *facit* 25020 kritzers.

72 In 593 fl. how many kritzers, *facit* 35580.

73 In 297 fl. 32. kritzers, how many kritzers, *facit* 17852.

74 In 324 florens, 43 kritzers, how many kritzers, *facit* 19483.

75 In 173 florens, 67 kritzers, how many kritzers, when 72 make a floren, *facit* 12523.

76 In 314 florens, 59 kritzers, how many kritzers, *facit* 22667.

77 In 51793 kritzers, how many florens at 60 kritzers per floren, *facit* 863 florens, 13 kritzers.

78 In 21493 kritzers, how many florens when 72 kritzers make 1 fl. *facit* 298 flo. 37 kritzers.

79 In 418 florens, how many patzens when 15 make a fl. *facit* 6270.

80 How many patzen are 325 flo. 11 patzens, *facit* 4886.

81 In 7512 patzen, how many flo.  
*facit* 500 florens, 12 patzen.

82 In 357 florens, how many  
albus when 27 make 1 flor. *facit* 9639.

83 How many albus may one count,  
for 359 florens, 17 albus, *facit* 9710  
albus.

84 In 251 florens 24 albus 6 *d.*  
how many *d.* when 8 *d.* make 1 albus  
*facit* 54414. *d.*

85 In 397 florens, 19 albus 5 *d.* how  
many *d.* *facit* 85909.

86 In 41723 *d.* how many florens,  
*facit* 193 florens, 4 albus, 3 *d.*

87 In 51492 *d.* how many albus,  
and florens *facit* albus 6436 *d.* 4, and  
238 florens, 10 albus, 4 *d.*

88 In 359 florens how many grosh,  
when 21 grosh make 1 floren, *facit*  
7539.

89 In 493 florens, 15 grosh, how  
many grosh, *facit* 10368.

90 In 517 florens 17 grosh, how ma-  
ny pence, when 12 *d.* is 1 grosh, and  
21 grosh a floren, *facit* 130488. *d.*

91 In 247 florens 19 grosh 4. *d.* how  
many *d.* *facit* 62476 *d.*

92 In 21597 *d.* how many florens,  
*facit* 85 florens, 14 grosh 9, *d.*

93 In



# Reduction.

9

93 In 417 dollers, how many Lubish shillings, when 32. shillings makes 1. doller, *facit* 13344 s.

94 In 519 dollers 14 shillings, how many shillings, *facit* 16622.

95 In 54732 Lubish shillings, how many dollers, *facit* 1710 dollers and 12 shillings.

96 In 17953 Lubish shillings, how many dollers, *facit* 561 dollers and 1 shilling.

97 Item one hath 975 sheep, how many score is that, *fa.* 48 score & 15.

98 Item 473 sheep, how many score, *facit* 23 and 13.

89 A Baker hath made 513 loaves, how many dozen is that, *facit* 42 dozen and 9 over.

100 How many dozen is 931, *facit* 77 dozen and 7.

101 How many dozen is 950 at 13 to the dozen, *fa.* 73 dozen 1.

102 How many dozen is 1059 at 14 to the dozen, *facit* 75 dozen 9.

103 How many stone is 179 l. at 8 l. per stone, *facit*, 22 stone and 3 l.

104 How many stone is 213 l. *facit* 26 stone and 5 l. over.

105 Item

## Reduction.

105 *Item*, one bought 27 stone at 14 *l.* per stone, how many *l.* is that, *fa.* 378 *l.*

106 In 19 stone and 11 *l.* how many *l.* *facit* 277 *l.*

107 How many stone is 2537 *l.* at 14 *l.* per stone, *fa.* 181 stone & 3 *l.* over.

108 *Item*, one hath 5723 points, how many dozen is that, *facit* 476 do. and 11.

109 How many doz. is 5413. *fa.* 451 dozen 1.

110 How many gross is 1759 doz. when 12 dozen is 1 gross, *facit* 146 and 7 dozen.

111 *Item*, one hath 5793 points, how many gross is that, *facit* 40 gross, 2 dozen and 9.

112 How many gross is 9436. *facit* 65 gross 6 dozen and 4.

113 In 57 gross 5 dozen and 3 skins, how many single skins, *facit* 8271.

114 How many single ones is there in 97 gross, 7 dozen and 11, *facit* 14063.

115 In 57 oun. how many drams, when 8 drams makes 1 oun. *fa.* 456.

116 In 39 oun. 5 drams, how many drams, *facit* 317 drams.

117 In

117 In 423 drams, how many oun.  
facit 52. oun. 7 dram.

118 In 27 oun. how many grains,  
when 8 drams make 1 oun. & 60  
grains 1 dram, *facit* 12960.

119 In 35 oun. 3 drams, 54 graines,  
how many graines, *facit* 17034  
graines.

120 Item in 21493 graines, how  
many oun. *facit* 44 oun. 6 dram. 13  
grains.

121 In 39523 graines, how many  
ounces, *facit* 82 oun. 2 dram. 43  
granes.

122 In 47 l. how many oun. at 16  
oun. per l. *facit* 752.

123 In 54 l. 11 oun. how many oun.  
*facit* 875.

124 How many l. is 543 oun. *facit*  
33 l. 15 oun.

125 How many l. are 1510 oun. *fa-*  
*cit* 94 l. 6 oun.

126 In 32 l. how many ounces, at 12  
ounces to the l. *facit* 384 ounces.

127 How many oun. is 39 l. 7 oun.  
*facit* 475.

128 In 632 oun. how many l. *facit*  
52 l. 8 oun.

129 In 1723 oun. how many l. *facit*  
143 l. 7 oun.

130 Item one bought 1239 oun. of silver plate, how many *l.* is that, *facit* 103 *l.* 3 oun.

131 How many oun. is there in 219 *l.* 11 oun. *facit* 2639.

132 In 17 *l.* how many peny weight when 12 oun. is a *l.* and 20 peny weight an oun. *facit* 4080 *d.* weight.

133 In 13 *l.* 9 oun. how many *d.* weight, *facit* 3300.

134 How many *l.* is 4173 *d.* weight, *facit* 17 *l.* 4 oun. 13 *d.*

135 How many *l.* is 5032 *d.* weight, *facit* 20 *l.* 11 oun. 12 *d.* weight.

136 In 14 *l.* weight, how many graines when 12 oun. is a *l.* 20 *d.* weight an oun. and 24 graines a peny weight, *facit* 80640 grains.

137 How many grains are in 17 *l.* 9 oun. *facit* 102240 grains.

138 In 23 *l.* 11 oun. 17 *d.* weight and 19 grains, how many oun. peny weight and grains, *facit* 287. oun. 5757 *d.* weight and 138187 grains.

139 In 27 great C. how many *l.* when 112 *l.* is 1 great C. *facit* 3024 *l.*

140 In 35 C. 3 *q.* how many *l.* when 4 *q.* is 1 C. and 28 *l.* 1 *q.* *facit* 4004 *l.*

# Reduction. 13

141 In 39 C. 1 q. 17 l. how many l.  
*facit* 4413 l.

142 In 27 C. 3 q. 19 l. 14 oun. how  
 many oun. *facit* 50046 oun.

143 How many great C. is 35419 l.  
*facit* 316 C. 0 q. 27 l.

144 Item 2549123 oun. how many  
 great C. is that, *facit* 1422 C. 2 q. 0 l.  
 3 oun.

145 In 57 square foot, how many  
 inches, when 144 square inches make  
 1 foot square, *facit* 8208.

146 In 71092 square inches, how  
 many square feet, *facit* 496 square  
 feet, and 68 square inches over.

147 In 48 $\frac{1}{2}$  square feet how many  
 square inches, *facit* 7020 square  
 inches.

148 In 27 years how many dayes,  
 when 365 dayes makes 1 year, *facit*  
 9855 dayes.

149 In 37 years and 5 months, how  
 many months when 12 months is a  
 year, *facit* 449 months.

150 In 49 years 7 months and 25  
 dayes, how many dayes at 365 dayes  
*per* year, and 30 dayes *per* month, *fa-*  
*cit* 18120.

151 In 24753 dayes, how many  
 years,

years, *facit* 67 years, 9 months, 28 dayes.

152 In 59 years, 7 months, 13 dayes, how many hours, *facit* 522192.

153 In 7572379 minutes, how many years, *facit* 14 years, 4 months 28 dayes, 14 hours, 19 minutes.

154 In 17 acres, how many poles, when 160 poles is 1 acre, *facit* 2720 poles.

155 In 483 acres, 2 roods, and 17 poles, how many roods and poles, *facit* 1934 roods, 17 poles, and 77377 poles.

156 In 347965 poles, how many acres, *facit* 2174 acres, 3 rood, and 5 poles.

157 In 275 rod, how many feet, when  $16\frac{1}{2}$  foot is a rod, *facit* 4537 $\frac{1}{2}$  feet.

158 How many rod is 5493 foot, *facit* 332 rod, 15 foot.

159 There is a brick wall 259 $\frac{1}{2}$  rod about, how many foot is that, *facit* 4281 foot, 9 inches.

160 In 17 yards, how many nails, when 16 nails is 1 yard, *facit* 272 nails.



161 How many yards is 2754 nails,  
*facit* 172 yards, 2 nails.

162 How many inches is 173 yards,  
when 1 yard is 36 inches, *facit* 6228  
inches.

163 In 275493 inches, how many  
ells, *facit* 6122 ells 3 inches.

164 In 491 ells, how many foot,  
when 1 ell is  $3\frac{1}{2}$  foot, *facit* 1841 $\frac{1}{4}$   
foot.

165 In 735 foot, how many ells, *fa-*  
*cit* 196.

166 In 329 foot, how many ells,  
*facit* 87 $\frac{1}{4}$  or 2 foot 9 inches over.

167 In 573 $\frac{1}{2}$  foot, how many ells,  
*facit* 152 $\frac{1}{4}$  or 3 $\frac{1}{2}$  foot over.

168 Item one hath 275 great C. of  
Lambs skins, how many single skins is  
that, when 130 is a great C. *facit*  
35750.

169 How many timber of fables is  
2754 skins, when 40 makes a timber,  
*facit* 68 timber and 34 skins over.

170 In 29 degrees of the Equino-  
ctial, how many minutes, when 60  
minutes makes 1 degree, *facit* 1740  
minutes.

171 How many minutes are 39  
degrees 47 minutes, *facit* 2387.

172 In 17542 minutes, how many degrees, *facit* 292 degrees, 22 minutes.

173 In 29 degrees 14 minutes, how many seconds, *facit* 105240.

174 In 57 degrees, 19 minutes and 45 seconds, how many seconds, *facit* 206385.

175 In 1183039 seconds how many degrees, *facit* 328 degrees, 37 minutes, 19 seconds.

176 *Item* 49 degrees of the Equinoctial, how much is that in time, when 15 degrees is 1 hour, *facit* 3 hours 16 minutes.

177 How much time is 217 degrees, *facit* 14 hours 28 minutes.

178 What do 34 degrees, 43 minutes of the Equinoctial make in time, *facit* 2 hours, 18 minutes and 52 seconds.

179 How much time is 243 degrees 39 minutes, *facit* 16 hours, 14 minutes, 36 seconds.

180 How many hours is 195 degrees 12 minutes, *facit* 13 hours 0 minutes 48 seconds.

181 In 201 degrees, 54 minutes, how much time, *facit* 13 hours, 27 minutes, 36 seconds.

182 *Item* 14 hours, how many degrees of the Equinoctial do they make, when 15 degrees is 1 hour, *facit* 210 degrees.

183 How many degrees is 7 hours 10 minutes, *facit* 107 degrees 30 minutes.

184 What number of degrees in the Equinoctial may be counted for 14 hours 39 minutes, *facit* 219 degrees 45 minutes.

185 How many degrees is 9 hours, 27 minutes, 52 seconds, *facit* 141 degrees 58 minutes.

186 How many degrees of the Equinoctial is 14 hours, 37 minutes, 48 seconds, *facit* 219 degrees 27 minutes.

187 In 45 fodder of lead, how many *l.* when 1 fodder is 19½ great C. and one great C. 112 *l.* *facit* 98280 *l.*

188 *Item*, one hath bought 7 fodder 14½ C. and 17 *l.* how many pound is that, *facit* 16929 *l.*

189 In 11 fodder 17 C. 3 q. 19 *l.* how many *l.* *facit* 26031 *l.*

190 In 74239 *l.* weight, how many fodder, *facit* 33 fodder, 19 C. 1 q. 11 *l.*

191 In 51732 l. how many fodder,  
*facit* 23 fodder, 13 C. 1 q. 16 l.

192 In 27 tunn, how many runlets,  
when 14 runlets makes 1 tunn, *facit*  
378 rundlets.

193 How many rundlets is 59 tierce,  
when 1 tierce is  $2\frac{1}{3}$  roundlets, *facit*  
 $137\frac{1}{3}$  rundlets.

194 In 257 rundlets, how many  
barrels, when 1 barrel is  $1\frac{3}{4}$  rundlets,  
*facit*  $146\frac{6}{7}$  barrels.

195 In 253 barrels how many pon-  
tions, when 1 pontion is  $2\frac{2}{3}$  barrels,  
*facit*  $94\frac{7}{8}$  pontions.

196 *Item*, one hath 17 pipes of 126  
gallons the peice, more 11 pontions at  
84 gallons the peice, and he would  
empty them into hogsheds that hold  
57 gallons the peice, I demand how  
many they will fill, *facit* 53 and 45  
gallons over.

197 In 79 miles, 5 furlongs, 37  
pole, 4 yards, 1 foot, 7 inches, and 1  
barley grains length, how many bar-  
ley grains length, when 8 furlongs is  
1 mile, 40 pole, 1 furlong,  $5\frac{1}{2}$  yards,  
1 pole, 3 foot, 1 yard, 12 inches, 1  
foot, and 3 barley grains length, 1  
inch, *facit* 15157588 barley grains  
length.

198 In 257 miles 6 furlongs, 29 poles, 3 yards, 2 foot, 5 inches and 2 grains, how many furlongs, poles, yards, feet, inches and grains, *facit* 2062 furlongs, 82509 poles, 453802 $\frac{1}{2}$  yards, 1361409 $\frac{1}{2}$  feet, 16336919 inches, and 49010759 grains.

199 In 23479823 barley grains length, how many miles, *facit* 123 miles, 4 furlongs, 8 poles, 1 yard, 2 foot, 3 inches, and two grains.

200 In 32498645 grains length, how many miles, *facit* 170 miles, 7 furlongs, 31 poles, 2 yards, 2 foot 7 inches, and 2 grains.

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## *The Rule of Three in whole numbers.*

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1 **I**F 1 ell cost 3 *d.* what 479 ells, *facit* 5 *l.* 19 *s.* 9 *d.*

2 If 1 cost 5 *d.* what 1495, *facit* 31 *l.* 3 *s.* 4 *d.*

3 If 1 *l.* cost 8, what 673 *l.* *facit* 22 *l.* 8 *s.* 8 *d.*

4 If 1 *l.* of Corrence cost 4 *d.* how much comes 2 C. 3 quar. 15 *l.* to, *facit* 5 *l.* 7 *s.* 8 *d.*

5 If 1 *l.* of Cheefe be sold for 3 *d.* what comes 368 *l.* to, *facit* 4 *l.* 12 *s.*

6 If one spend 7 pence a day, what comes that to in a year, accounting 365 dayes for a year, *facit* 10 *l.* 12 *s.* 11 *d.*

7 If 1 ell be worth 9 *d.* what 567 *fa-*  
*cit* 21 *l.* 5 *s.* 3 *d.*

8 If



## *The Rule of Three, &c. 21*

8 If 1 ell of Canvas cost 11 *d.* what  
9 peices containing together 543 ells,  
*facit* 24 *l.* 17 *s.* 9. *d.*

9 If 1 dozen cost 15 *d.* what 47 do-  
zen, *facit* 2 *l.* 18 *s.* 9. *d.*

10 What comes 54 *l.* to at 17 *d.* the  
*l.* *facit* 3 *l.* 16 *s.* 6 *d.*

11 If 1 ounce of silk cost 2 *s.* 3 *d.*  
what comes 14 *l.* to at 12 ounces *per l.*  
*facit* 18 *l.* 18 *s.*

12 If 1 ounce cost 2 *s.* 4 *d.* what  
17 *l.* 3 ounces, *facit* 24 *l.* 3 *s.*

13 If 1 ell of Holland cost 2 *s.* 5 *d.*  
what 7 peices containing together  
549 ells, *facit* 66 *l.* 6 *s.* 9 *d.*

14 If 1 *l.* of Pepper cost 2 *s.* 7 *d.*  
what a bag weighing 5 C. 3 quarters  
15 *l.* *facit* 85 *l.* 2 *s.* 5 *d.*

15 If 1 ounce of Cloves cost 5 *d.*  
what 17 *l.* 3 ounces at 16 ounces *per l.*  
*facit* 5 *l.* 14 *s.* 7 *d.*

16 If 1 ell of Cambrick cost 7 *s.*  
what comes 47 ells to, *facit* 16 *l.* 9 *s.*

17 If a yard of Lawn cost 6 *s.* what  
a peice containing 57 yards, *facit* 17 *l.*  
2 *s.*

18 If one spend 8 *s.* a week, what  
is that a year, accounting 52 weeks to  
the year, *facit* 20 *l.* 16 *s.*

19 If

## 22 The Rule of Three

19 If 1 acre of land be let for 9 s.  
how much comes 753 acres to at  
that rate, *facit* 338 l. 17 s.

20 If 1 yard of Sattin be worth 13 s.  
what is 72 yards worth after that rate,  
*facit* 46 l. 16 s.

21 If a yard of Broadcloth cost 17 s.  
what a peice containing 43 yards, *facit*  
36 l. 11 s.

22 If 1 Doller be worth 4 s. 6 d.  
what are 259 worth after that rate,  
*facit* 58 l. 5 s. 6 d.

23 If 1 Floren be worth 3 s. 9 d.  
what are 754 worth after the same  
rate, *facit* 141 l. 7 s. 6 d.

24 What is 935 Ducats worth at  
7 s. 6 d. the Ducate, *facit* 350 l. 12 s.  
6 d.

25 If one spend 2 s. 5 d. a day, what  
comes that to in a year, *facit* 44 l. 2 s.  
1 d.

26 If 1 l. of powder cost 14 d. what  
a barrel weighing 9 C. 3 quarters  
13 l. *facit* 64 l. 9 s. 2 d.

27 Item, one buyeth 10 firkins of  
butter weighing together 596 l. at  
4 d. the l. what comes that to, *facit* 9 l.  
18 s. 8 d.

*in whole numbers.* 23

28 One buyeth 7 C. 3 quarters 11 l. of tallow at 3 d. the l. what comes it to, *facit* 10 l. 19 s. 9 d.

29 If a gallon of wine be sold for 30 d. how much comes a vessel of 114 gallons to, *facit* 14 l. 5 s.

30 If one buy a pipe of oyl containing 122 gallons, at 3 s. 8 d. the gallon, what comes it to, *facit* 22 l. 7 s. 4 d.

31 If One sell a vessel of 64 l. of soper for 3 d. the l. what comes it to, *facit* 16 s.

32 If 1 l. of beef be worth 3 d. what 7 stone and 6 l. *facit* 15 s. 6 d.

33 What comes 15 stone and 5 l. to, at 4 d. the l. *facit* 2 l. 1 s. 8 d.

34 If 1 grain of amber-greece be worth 3 d. what comes 1 l. to, when 12 ounces is 1 l. 20 d. weight, 1 ounce and 24 grains, 1 peny weight, *facit* 72 l.

35 What comes 7 ounces and 4 drams to, at 9 d. the dram, when 8 drams make 1 ounce, *facit* 2 l. 5 s.

36 What cost 11 gross and 9 dozen at 15 d. the dozen, *facit* 8 l. 16 s. 3 d.

37 *Item,*

## 24 *The Rule of Three*

37 *Item*, One buyeth 27 dozen and 10 *l.* of candles, at 4 *d.* the *l.*, how much comes that to, *facit* 5 *l.* 11 *s.* 4 *d.*

38 If 1 ounce be worth 4 *s.* 6 *d.* what 17 *l.* 11 ounces at 16 ounces per *l.* *facit* 63 *l.* 13 *s.* 6 *d.*

39 *Item*, One buyeth white plate at 5 *s.* 8 *d.* the ounce, what comes 259 ounces to at that rate, *facit* 73 *l.* 7 *s.* 8 *d.*

40 *Item*, One bought 372 ounces of gilt plate at 6 *s.* 7 *d.* the ounce, what comes it to, *facit* 122 *l.* 9 *s.*

41 What comes 19 score and 12 skins to at 9 *d.* the skin, *facit* 14 *l.* 14 *s.*

42 *Item*, One buyeth 7 great hundred at 120 to the C. of black conies at 5 *d.* the skin, what come they to, *facit* 17 *l.* 10 *s.*

43 *Item*, One buyeth 7 dozen and 9 fables at 17 *s.* the peice, what come they to, *facit* 79 *l.* 1 *s.*

44 What are 17 score and 12 fitches worth at 7 *d.* the peice, *facit* 10 *l.* 5 *s.* 4 *d.*

45 What comes 19 dozen and 4 pair of gloves to, at 13 *d.* the pair, *facit* 12 *l.* 11 *s.* 4 *d.*

45 *Item*,

## *The Rule of Three* 25

46 *Item*, One hath bought 23 quarters and 7 bushels of wheat, at 4 s. 3 d. the bushel, what comes that to, *facit* 40 l. 11 s. 9 d.

47 *Item*, One hath received 579 Crowns at 5 s. 6 d. the peice, how much mony is that, *facit* 159 l. 4 s. 6 d.

48 *Item*, One payeth his friend upon account 273 pieces of 22 s. the peice, how many l. is that, *facit* 300 l. 6 s.

49 *Item*, A Cassier receiv'd 2479 harpers at 9 d. the piece, how many l. is that, *facit* 92 l. 19 s. 3 d.

50 How much mony must one deliver here to receive at *Venice* 750 ducats, the exchange being 57 d. per ducat, *facit* 178 l. 2 s. 6 d.

51 What shall I pay for 320 French crowns at 6 s. 2 d. the piece, *facit* 98 l. 13 s. 4 d.

52 *Item*, One desireth to have 540 *Elizabeth* Angels, but they are held at 11 s. 6 d. the peice, how much must he pay for them, *facit* 310 l. 10 s.

53 If one piece of stuff be worth 5 l. 7 s. what 29 peices, *facit* 155 l. 3 s.

## 26 in whole numbers.

54 If one barrel of sope be sold for 21 s. 4 d. what comes 132 barrels to after the same rate, *facit* 140 l. 16 s.

55 If 1 ounce of fine gold cost 3 l. 10 s. what an ingot weighing 7 l. 9 ounces, *facit* 325 l. 10 s.

56 If 1 ell of holland cost 4 s. 7 d. what 117 ells, *facit* 26 l. 16 s. 3 d.

57 If 1 ounce of amber-greece be worth 5 l. 6 s. what comes 14 l. and 11 ounces to, at 16 ounces *per* l. *facit* 1245 l. 10 s.

58 *Item*, One would hang a room which is 75 yards about with a stuff of 3 l. 12 s. the yard, what comes it to, *facit* 270 l.

59 What is 27 ounces and 9 penny-weight worth at 8 d. the penny weight, *facit* 18 l. 6 s.

60 What cost 7 timber and 11 fables at 34 s. 6 d. the skin, *facit* 501 l. 19 s. 6 d.

61 If 12 ells cost 7 l. what 5 ells, *facit* 2 l. 18 s. 4 d.

62 If 7 yards cost 17 s. 6 d. what 253. *facit* 31 l. 12 s. 8 d.

63 If in a year there be spent 143 l. what is that a week, *facit* 2 l. 15 s.

64 If a dozen cost 14 s. 6 d. what 8. *facit* 9 s. 8 d.

65 If



## *The Rule of Three* 27

65 If 9 cost 16 d. what 63. *facit* 9 s. 4 d.

66 If 14 ounces cost 8 s. 2 d. what 1 ounce, *facit* 7 d.

67 If 23 l. cost 17 l. 5 s. what 13 l. *facit* 9 l. 15 s.

68 If in 15 weeks I spend 5 l. 5 s. how much is that a year, *facit* 18 l. 4 s. at 52 weeks the year.

69 If a Box of Lute-strings containing 52 dozen cost 6 l. 10 s. what 1 dozen, *facit* 2 s. 6 d.

70 If 52 dozen cost 5 l. 17 s. what comes 19 dozen to after that rate, *facit* 2 l. 2 s. 9 d.

71 If 27 acres be let for 17 l. 10 s. for how much shall 135 acres be let after the same rate, *facit* 87 l. 10 s.

72 If 1 l. cost 19 s. what cost 6 oun. *facit* 7 s. 1 d.  $\frac{1}{2}$ .

73 If 1 l. cost 5 s. 4 d. what 11 ounces, *facit* 3 s. 8 d.

74 *Item*, One bought 95 ounces of white plate for 26 l. 10 s. 5 d. what is that an ounce, *facit* 5 s. 7 d.

75 If 12 boarders spend 15 l. in a month, what shall 30 spend after that rate in the same time, *facit* 37 l. 6 s.

76 *Item*,

## 28 in whole numbers.

76 Item, One buyeth 253 eggs at 4 d. the dozen, what comes that to, *facit* 7 s.

77 If a cloth containing 36 yards cost 25 l. 4 s. what comes 5 yards to, *facit* 3 l. 10 s.

78 If 7 ells cost 5 l. 8 s. 6 d. what comes 19 to, *facit* 14 l. 14 s. 6 d.

79 If 72 Crowns be worth 19 l. 16 s. what are 23 worth, *facit* 6 l. 6 s. 6 d.

80 If 75 yards cost 42 l. 6 s. 3 d. what shall 35 cost, *facit* 19 l. 14 s. 11 d.

81 If the great C. or 112 l. cost 3 l. 3 s. what cost 17 l. *facit* 9 s. 6 d.  $\frac{3}{4}$ .

82 If 1 great C. cost 4 l. 18 s. what comes 1 quarter and 6 l. to after the same rate, *facit* 1 l. 9 s. 9 d.

83 If the great C. cost 11 l. 18 s. what comes 3 quarters and 11 l. to, *facit* 10 l. 1 s. 10 d.  $\frac{3}{4}$ .

84 If 27 C. of white lamb cost 45 l. what comes 5 C. and 7 dozen to, when 10 dozen make 1 great C. *facit* 9 l. 10 s.

85 What cost 7 timber and 9 skins at 27 s. 4 d. the pair, *facit* 197 l. 9 s. 8 d.

86 Item,

## *The Rule of Three* 29

86 *Item*, One buyeth 96 ounces of pearl at 11 s. 4 d. the 3 ounces, *facit* 18 l. 2 s. 8 d.

87 *Item*, One buyeth 10 grains of musk for 3 d. what comes 1 ounce to after that rate, when 20 d. weight is 1 ounce, and 24 grains 1 d. weight, *facit* 12 s.

88 If 5 cost 11 s. 4 d. how much comes 9 dozen and 7 to, *facit* 13 l. 0 s. 8 d.

89 If 7 pecks cost 13 s. 5 d. what comes 9 bushels and 3 pecks to, *facit* 3 l. 14 s. 9 d.

90 If 47 dollers be worth 53 florens, what are 517 dollers worth, *facit* 583 florens.

91 What shall 759 ducats be worth, when every 15 is worth 3 l. 7 s. 6 d. *facit* 170 l. 15 s. 6 d.

92 If 89 cost 11 l. 9 s. 11 d. what 58 *facit* 7 l. 9 s. 10 d.

93 If 68 cost 14 l. 11 s. 10 d. what 789. *facit* 169 l. 6 s. 1  $\frac{1}{2}$  d.

94 If 697 cost 148 l. 2 s. 3 d. what 98. *facit* 20 l. 16 s. 6 d.

95 If 897 cost 153 l. 4 s. 9 d. what 798. *facit* 36 l. 6 s. 6 d.

30 in whole numbers.

96 If 987 Souldiers spend 45 l. 4 s. 9 d. a day, what money will suffice for 789 Souldiers after the same rate *facit* 36 l. 3 s. 3 d.

97 If 98 bushels of wheat will suffice 978 men a certain time, how many quarters will suffice 4727 men the same time, *facit* 59 quarters  $1\frac{2}{3}$  bushels.

98 If 79 men dig a trench of 869 cubical yards in a certain time, of how many cubical yards shall 948 men dig a trench in the same time, *facit* 10428.

99 If a 100 braces make 49 ells, how many ells shall 7600 braces make, *facit* 3724.

100 If 979 parts upon 1 scale make 534 upon another scale, what shall 946 of the first scale, make on the second scale, *facit* 516.

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## *The Rule of Practice in whole numbers.*

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1. **I**F 1 l. cost 1 d. what 753 l. facit  
3 l. 2 s. 9 d.
- 2 If 1 cost 2 d. what 679. fa-  
cit 5 l. 13 s. 2 d.
- 3 If 1 cost 3 d. what 574. facit 7 l.  
3 s. 6 d.
- 4 If 1 cost 4 d. what 657. facit 10 l.  
19 s.
- 5 If 1 cost 5 d. what 732. facit 15 l.  
5 s.
- 6 If 1 cost 6 d. what 375. facit 9 l.  
7 s. 6 d.
- 7 If 1 cost 7 d. what 564. facit 16 l.  
9 s.
- 8 If 1 cost 8 d. what 683. facit 22 l.  
15 s. 4 d.
- 9 If 1 cost 9 d. what 1752. facit 65  
l. 14 s.

## 32 *The Rule of Practice*

10 If 1 cost 10 d. what 975. *facit*  
40 l. 12 s. 6 d.

11 If 1 cost 11 d. what 759. *facit*  
34 l. 15 s. 9 d.

12 If 1 cost 1 s. what 684. *facit*  
34 l. 4.

13 If 1 cost 2 s. what 473. *facit* 47 l.  
6 s.

14 If 1 cost 3 s. what 954. *facit* 143.  
l. 2 s.

15 If 1 cost 4 s. what 786. *facit* 157  
l. 4 s.

16 If 1 cost 5 s. what 697. *facit*  
174 l. 5.

17 If 1 cost 6 s. what 847. *facit*  
254 l. 2 s.

18 If 1 cost 7 s. what 2175. *facit*  
761 l. 5.

19 If 1 cost 8 s. what 1472. *facit*  
588 l. 16 s.

20 If 1 cost 9 s. what 1273. *facit*  
572 l. 17 s.

21 If 1 cost 10 s. what 987. *facit*  
493 l. 10 s.

22 If 1 cost 11 s. what 654. *facit*  
359 l. 14 s.

23 If 1 cost 12 s. what 2489. *facit*  
1493 l. 8 s.



*in whole numbers.* 33

24 If 1 cost 13 s. what 1497. *facit*  
973 l. 1 s.

25 If 1 cost 14 s. what 973. *facit*  
681 l. 2 s.

26 If 1 cost 15 s. what 1875. *facit*  
1406 l. 5 s.

27 If 1 cost 16 s. what 1546. *facit*  
1236 l. 16 s.

28 If 1 cost 17 s. what 2143. *facit*  
1821 l. 11 s.

29 If 1 cost 18 s. what 2051. *facit*  
1845 l. 18 s.

30 If 1 cost 19 s. what 1057. *facit*  
1004 l. 3 s.

31 If 1 cost 2 s. 6 d. what 4572. *fa-*  
*cit* 571 l. 10 s.

32 If 1 cost 3 s. 4 d. what 4017. *fa-*  
*cit* 669 l. 10 s.

33 If 1 cost 6 s. 8 d. what 1923. *fa-*  
*cit* 641 l.

34 If 1 cost 3 s. 8 d. what 2175. *fa-*  
*cit* 398 l. 15 s.

35 If 1 cost 5 s. 3 d. what 1493. *fa-*  
*cit* 1100 l. 13 s. 3 d.

36 If 1 cost 6 s. 2 d. what 1592. *fa-*  
*cit* 490 l. 17 s. 4 d.

37 If 1 cost 7 s. 5 d. what 2159. *fa-*  
*cit* 800 l. 12 s. 7 d.

### 34 *The Rule of Practice*

38 If 1 cost 8 s. 11 d. what 975  
*facit* 434 l. 13 s. 9 d.

39 If 1 cost 13 s. 2 d. what 675 *fa.*  
444 l. 7 shillings 6 pence.

40 If 1 cost 14 s. 9 d. what 2751  
*facit* 2028 l. 17 s. 3 d.

41 If 1 cost 15 s. 7 d. what 579 *fa.*  
451 l. 2 s. 9 d.

42 If 1 cost 17 s. 8 d. what 511 l.  
*facit* 451 l. 7 s. 8 d.

43 What do 759 yards of Satin  
come to, at 17 s. 11 d. the yard, *facit*  
679 l. 18 s. 9 d.

44 *Item*, one buyeth 497 Ells of fine  
holland at 4 s. 7 d. the Ell, how much  
comes that to, *facit* 113 l. 17 s. 11 d.

45 When the l. of mace is worth 13  
s. 5 d. what 3 C. 2 qua. 14 l. *facit* 272  
l. 7 s. 2 d.

46 If the dozen cost 18 s. 7 d. what  
comes 7 gross and 9 dozen to, *fa.* 86 l.  
8 s. 3 d.

47 If the ounce cost 4 s. 5 d. what  
comes 28 l. 14 oun. to, *fa.* 6 l. 7 s.  
6 d.  $\frac{3}{8}$ .

48 What cost 59 pieces of linnen  
cloth at 47 s. the piece *fa.* 138 l. 13 s.

49 If the stone cost 8 s. 6 d. what  
29 stone and 3 l. when 8 l. is a stone,  
*facit*

*facit* 12 l. 9 s. 8 pence  $\frac{1}{4}$ .

50 If the stone cost 6 s. 5 d. what  
49 stone 7 l. *facit* 16 l. 0. 0.  $\frac{3}{4}$  d.

51 When the quartar of Wheat is  
worth 37 s. 4. d. what comes 57 quar-  
ters and 5 bushels to, 8 bushels being  
1 quarter *fa.* 107 l. 11 s. 4 d.

52 When the quarter cost 43 s. 6 d.  
what is 193 quarters and 2 bushels  
worth *facit* 420 l. 6 s. 4  $\frac{1}{2}$  d.

53 If the gallon cost 3 s. 6 d. what  
a vessel containing 116 gallons *facit*  
20 l. 6 s.

54 At 5 s. 3 d. the gallon, what  
comes 175 gallons and 3 pints to, *fac.*  
46 l. 0. 8  $\frac{1}{2}$  d.

55 At 9 s. 4 d. the ounce, what  
comes 351 ounces and 7 drams to, 8  
drams being 1 oun. *fa.* 164 l. 4 s. 2 d.

56 If in 1 week be spent 14 s. 3 d.  
what is that in 27 weeks, 3 days, al-  
lowing 7 days to a week, *facit* 19 l.  
10 s. 10  $\frac{2}{7}$  d.

57 If in a be week be spent 34 s.  
7 what comes that to, for 29 weeks  
and 5 days *facit* 51 l. 7 s. 7  $\frac{3}{7}$  d.

58 If 1 C. cost 23 s. 5 d. what comes  
19 C.  $\frac{1}{4}$  to, *facit* 22 l. 10 s. 9  $\frac{1}{4}$  d.

### 36 *The Rule of Practice*

59 If 1 C. of corrans be worth 35 s. 4 d. what comes 7 C. 3 qua. to, *facit* 13 l. 13 s. 10 d.

60 *Item*, one buyeth 57 pieces of fustian at 3 l. 9 s. the peice, what comes it to, *facit* 196 l. 13 s.

61 What comes 49 pieces of kersey to at 7 l. 4 s. 6 d. the piece, *facit* 354 l. 0 s. 6 d.

62 If a peice of cloth be worth 15 l. 10 s. what comes 17 pieces to after the same rate, *facit* 263 l. 10 s.

63 If 1 C. of sugar be worth 5 l. 14 s. 6 d. what comes 75  $\frac{1}{2}$  C. to, *facit* 432 l. 4 s. 9 d.

64 If a piece be worth 8 l. 13 s. what 153 pieces, *facit* 1323 l. 9 s.

65 What comes 53 pieces to at 18 l. 17 s. the piece, *facit* 999 l. 1 s.

66 If 1 acre of land be sold for 15 l. 12 s. what comes 783 acres to, *facit* 12214 l. 16 s.

67 If 1 piece cost 3 l. 0 s. 7 d. what comes 19 pieces to after that rate, *facit* 57 l. 11 s. 1 d.

68 *Item*, One buyeth 475 barrels of sope at 3 l. 2 s. 6 d. the barrel, what comes that to, *facit* 1484 l. 7 s. 6 d.

69 If

*in whole numbers.* 37

69 If 1 C. of lead cost 12 s. 5 d.  
what comes 7 C. to after that rate, *facit* 4 l. 6 s. 11 d.

70 If the great C. cost 11 s. 7 d.  
what comes 17 fodder and  $5\frac{1}{2}$  C. to  
when 19  $\frac{1}{2}$  C. is 1 fodder, *facit* 195 l.  
3 s. 7 d.

71 If 1 piece be worth 5 florens  
14 pattars, what are 159  $\frac{1}{2}$  pieces  
worth *facit* 909 florens 3 pattars.

72 What comes 247 l. to, at 2 flo-  
rens 13 pattars the l. *facit* 654 florens  
11 pattars.

73 If 1 cost 17 pattars, 10 mailles,  
what comes 147 to, *facit* 128 florens  
0 pattars,  $\frac{1}{4}$  mailles.

74 If 1 cost 11 pattars 19 mailles,  
what comes 149 to, *facit* 87 fl. 16 p.  
23 m.

75 What comes 147 pieces to at 3  
florens, 12 pattars, 5 gigots the piece,  
*facit* 533 florens, 15 pattars, 7 mailles.

76 If 1 ell be worth 1 floren, 2 pat-  
tars, 3 gigots, what are 259 ells  
worth, *facit* 289 florens, 15 pattars,  
3 mailles.

77 If 1 be worth 3 florens and 10  
mailles, what comes 153 to, *facit*  
462 florens, 3 pattars, 18 mailles.

### 38 *The Rule of Practice.*

78 What cost 259 *l.* at 18 pattars and 7 gigos the *l. facit* 244 florrens, 8 pattars, 5 gigos.

79 If the *l.* be worth 2 florrens 7 gigos, what is 179 *l.* worth, *facit* 365 florens, 16 pattars, 5 gigos.

80 If 1 ounce cost 7 pattars 4 mailles, what 11 *l.* 14 ounces, *facit* 68 florens, 1 pattar, 16 mailles.

81 If 1 cost 14 kritzers, what comes 257 to at 60 kritzers *per* floren, *facit* 59 florens, 58 kritzers.

82 If 1 cost 35 kritzers, what 217 *facit* 126 florens, 35 kritzers.

83 If 1 ell be sold for 12 patzen 2 kritzers, what comes 197 ells to, *facit* 164 florens, 2 patzen, 2 kritzers; 15 patzen make a floren.

84 When the pot is sold for 13 patzen 3 kritzers, what is 1 aume worth, that is 100 pots, *facit* 91 florens, 10 patzen.

85 If the ounce cost 9 albus, what comes 357 ounces to, *facit* 119 florens

86 If 1 *l.* be worth 15 albus, what are 352 *l.* worth, *facit* 195 florens, 15 albus.

87 What



*in whole numbers.* 39

87 What are 375 ells worth at 17 albus 3 *d.* the ell, *facit* 241 florens, 8 albus, 5 *d.*

88 If 1 piece cost 2 florens, 7 albus, what comes 54 pieces to, *facit* 122 florens.

89 When there is spent in one day 43 albus 5 *d.* what comes that to in a year, that is 365 days, *facit* 589 florens, 20 albus, 1 *d.*

90 *Item*, One hath bought ware at 2 florens 7 *d.* the *l.* what comes 275 *l.* to, *facit* 558 florens 24 albus, 5 *d.*

91 If the *l.* be worth 7 grosh and 6 *d.* what comes 149 to, *facit* 53 florens, 4 grosh 6 *d.*

92 When the ell is sold for 11 grosh 4 *d.* how much comes 976 ells to, *facit* 526 florens, 15 grosh, 4 *d.*

93 *Item*, One buyeth 275 dozen at 9 grosh 7 *d.* the dozen, what comes it to, *facit* 125 florens, 10 grosh, 5 *d.*

94 What is 257 pieces at 1 florren, 7 grosh, 3 *d.* the piece worth, *facit* 345 florrens, 15 grosh, 3 *d.*

95 If the C. cost 5 florrens 17 grosh, what comes 74 C. to, *facit* 429 florren 19 grosh.

#### 40 *The Rule of Practice, &c.*

96 If the gallon be worth 14 grosh  
11 d. what comes 273 gallons to, *facit*  
193 florrens, 19 grosh, 3 d.

97 *Item*, One is at 2 florens, 14  
grosh, 10 d. a day charges in travelling,  
what comes that to for 14 weeks and  
3 dayes, *facit* 273 florens, 7 grosh, 2 d.

98 If the carriage of 1 C. weight  
cost 19  $\frac{1}{2}$  grosh, what comes 14  $\frac{1}{2}$  C. to,  
*facit* 13 florens, 9 grosh, 9 d.

99 If the ream of dutch paper cost  
1 floren, 14 grosh, 7 d. what comes  
357 ream to, *facit* 604 florens, 19  
grosh, 3 d.

100 If 1 l. of saffron cost 5 florens,  
17 grosh, 9 d. what 753 l. *facit* 4401  
florens, 9 grosh, 9 d.

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## The Rule of Practice with Fractions.

1. **I**F 1 *l.* cost  $2\frac{1}{2}$  *d.* what 573. *facit*  
5 *l.* 19 *s.*  $4\frac{1}{2}$  *d.*  
2 If 1 *l.* cost  $7\frac{1}{4}$  *d.* what 578.  
*facit* 17 *l.* 9 *s.*  $2\frac{1}{2}$  *d.*

3 What comes 359  $\frac{1}{4}$  *l.* to, at  $6\frac{1}{2}$  *d.*  
the *l.* *facit* 9 *l.* 14 *s.*  $7\frac{1}{8}$ .

4 There is one spends  $9\frac{1}{2}$  *d.* a day,  
what comes that to for 32 weeks and  
3 days, *facit* 9 *l.* 4 *s.*  $5\frac{1}{4}$ .

5 If the ell be sold for  $11\frac{1}{2}$  *d.* what  
is 179  $\frac{1}{2}$  ells worth after that rate, *fa-*  
*cit* 8 *l.* 11 *s.*  $9\frac{3}{8}$  *d.*

6 What shall I pay for 275 yards  
at  $14\frac{1}{2}$  *d.* the yard, *facit* 16 *l.* 12 *s.*  
 $3\frac{1}{2}$  *d.*

7 When the ounce is sold for 2 *s.*  
 $3\frac{1}{4}$  *d.* what comes 275  $\frac{1}{2}$  ounces to, *fa-*  
*cit* 31 *l.* 5 *s.*  $7\frac{3}{8}$  *d.*

D 3

8 If

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8 If the pound be sold for  $2\text{ s. } 7\frac{3}{4}\text{ d.}$   
what comes 3 C. 2 quarters,  $11\text{ l. } \frac{1}{2}\text{ to,}$   
*facit*  $53\text{ l. } 7\text{ s. } 7\frac{1}{8}\text{ d.}$

9 When the dozen cost  $3\text{ s. } 7\frac{1}{2}\text{ d.}$   
what comes 27 gross and 9 dozen to,  
*facit*  $60\text{ l. } 7\text{ s. } 1\frac{1}{2}\text{ d.}$

10 If 1 fable cost  $7\text{ s. } 4\frac{1}{2}\text{ d.}$  what  
comes 359 to, *facit*  $132\text{ l. } 7\text{ s. } 7\frac{1}{2}\text{ d.}$

11 If 1 ounce of plate cost  $5\text{ s. } 6\frac{3}{4}\text{ d.}$  what 647 ounces  $14\text{ d.}$  weight,  
*facit*  $180\text{ l. } 2\text{ s. } 9\frac{3}{4}\text{ d.}$

12 If 1 ounce of gilt plate be sold  
for  $6\text{ s. } 7\frac{3}{4}\text{ d.}$  what comes 549 ounces  
 $17\text{ d.}$  weight to, *facit*  $182\text{ l. } 14\text{ s. } 2\frac{4}{8}\text{ d.}$

13 If One buy cloth at  $14\text{ s. } 9\frac{1}{2}\text{ d.}$   
the yard, what comes 447 yards  $\frac{1}{4}$  and  
 $\frac{1}{2}$  to, *facit*  $330\text{ l. } 17\text{ s. } 5\frac{1}{8}\text{ d.}$

14 If 1 ell of taffety cost  $13\text{ s. } 7\frac{3}{4}\text{ d.}$   
what comes 257 ells  $\frac{3}{4}$  and  $\frac{1}{2}$  to, *facit*  
 $175\text{ l. } 18\text{ s. } 11\frac{1}{2}\text{ d.}$

15 If 1 acre be let for  $15\text{ s. } 3\frac{1}{2}\text{ d.}$   
how much doth 579 acres 3 roods  
come to, *facit*  $443\text{ l. } 5\text{ s. } 4\frac{1}{2}\text{ d.}$

16 If in 1 day be spent  $7\text{ s. } 9\frac{3}{4}\text{ d.}$   
what comes that to in a year, *facit*  
 $142\text{ l. } 11\text{ s. } 6\frac{3}{4}\text{ d.}$

17 There

*with Fractions.* 43

17 There are 279 pieces at  $4\text{ s. } 4\frac{3}{4}\text{ d.}$  the Piece, what come they to, *facit* 61  $l. 6\text{ s. } 5\frac{1}{4}\text{ d.}$

18 What is  $473\frac{3}{8}$  ells worth at  $13\text{ s. } 7\frac{1}{2}\text{ d.}$  the ell, *facit* 322  $l. 9\text{ s. } 8\frac{1}{2}\text{ d.}$

19 If 1  $l.$  cost  $14\text{ s. } 8\frac{3}{4}\text{ d.}$  what comes 27 C. 3 quarters  $11\frac{1}{2}\text{ l.}$  to, *facit* 229  $7\text{ l. } 7\text{ s. } 7\frac{5}{8}\text{ d.}$

20 If 1  $l.$  cost  $16\text{ s. } 11\frac{1}{4}\text{ d.}$  what comes 7 C. 1 quarter  $25\frac{3}{4}\text{ l.}$  to, *facit* 709  $l. 3\text{ s. } 0\frac{1}{2}\text{ d.}$

21 If the ounce cost  $14\text{ s. } 7\frac{1}{4}\text{ d.}$  what comes  $573\frac{1}{2}$  ounces to, *facit* 418  $l. 15\text{ s. } 5\frac{7}{8}\text{ d.}$

22 If 1  $l.$  of silk be worth  $37\text{ s. } 9\frac{3}{4}\text{ d.}$  what comes 175  $l. 13$  ounces to, *facit* 332  $l. 7\text{ s. } 10\frac{5}{8}\text{ d.}$

23 When the  $l.$  is worth  $27\text{ s. } 9\frac{1}{2}\text{ d.}$  what comes the great C. to, *facit* 155  $l. 12\text{ s. } 8\text{ d.}$

24 If the  $l.$  cost  $34\text{ s. } 11\text{ d. } \frac{1}{4}$  what is 7 C. 2 quarters  $19\text{ l. } \frac{1}{2}$  worth, *facit* 1503  $l. 4\text{ s. } 7\frac{1}{4}\text{ d.}$

25 Item, One buyeth  $273\frac{5}{8}$  ells at  $2\text{ l. } 0\text{ s. } 9\frac{1}{2}\text{ d.}$  the ell, what comes it to, *facit* 558  $l. 1\text{ s. } 7\frac{1}{2}\text{ d.}$

26 Item, One would hang a room with stuff of  $13\text{ s. } 7\frac{1}{2}\text{ d.}$  the ell, and there

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there goeth  $47 \frac{3}{4}$  ells about the room,  
how much comes it to, *facit*  $32 l. 10 s. 7 \frac{1}{8} d.$

27 If 1 acre be let for  $1 l. 0 s. 7 \frac{1}{2} d.$   
what comes 357 acres, and  $3 \frac{1}{2}$  roods  
to, *facit*  $369 l. 1 s. 2 \frac{1}{8} d.$

28 When the dozen is worth  $17 s. 9 \frac{1}{8} d.$  what is  $347 \frac{1}{2}$  dozen worth, *facit*  
 $309 l. 6 s. 2 \frac{1}{16} d.$

29 How much comes  $457 \frac{3}{8}$  yards  
to at  $17 s. 11 \frac{3}{4} d.$  the yard, *facit*  $411 l. 3 s. 2 \frac{1}{2} d.$

30 What is 17 C. 2 quarters  $11 \frac{1}{2} l.$   
worth at  $2 s. 3 \frac{3}{4} d.$  the *l.* *facit*  $227 l. 19 s. 1 \frac{1}{8} d.$

31 If 1 piece cost  $14 s. 9 \frac{1}{8} d.$  what  
comes 549  $\frac{1}{2}$  pieces to, *facit*  $406 l. 13 s. 8 \frac{1}{16} d.$

32 If 1 doller be worth  $4 s. 3 \frac{1}{2} d.$   
what are 275  $\frac{3}{4}$  worth, *facit*  $59 l. 3 s. 5 \frac{1}{8} d.$

33. There is one hath changed 759  
double pistolets at  $11 s. 8 \frac{1}{2} d.$  the  
piece, what come they to, *facit*  $444 l. 6 s. 7 \frac{1}{2} d.$

34 what shall I pay for 753  $\frac{1}{2}$  du-  
cats at  $57 \frac{3}{4} d.$  the piece, *facit*  $181 l. 6 s. 2 \frac{1}{8} d.$

35 *Item,*



35 *Item*, One would have 947  $\frac{1}{2}$  half pieces at 11 s. the piece, but he must pay  $\frac{3}{4}$  d. upon a piece for change, I demand how much he must pay for them, *facit* 523 l. 18 s. 11  $\frac{1}{8}$  d.

36 *Item*, One would exchange 973  $\frac{1}{2}$  pieces at 14 s. 7  $\frac{1}{4}$  d. the piece, what come they to, *facit* 710 l. 13 s. 6  $\frac{1}{8}$  d.

37 A Traveller would have 539 French crowns, which are worth but 6 s. the piece, but for change he must pay  $\frac{1}{2}$  d. upon each crown, what money must he give for these crowns, *facit* 162 l. 16 s. 5  $\frac{1}{2}$  d.

38 A Merchant receiveth a bill of exchange for 593  $\frac{1}{2}$  pieces, at 7 s. 9  $\frac{3}{4}$  d. the piece, what come they to, *facit* 231 l. 16 s. 8  $\frac{5}{8}$  d.

39 *Item*, One hath received 657 pieces, whereof 5 go to 22 s. I demand how much they come to in money, *facit* 144 l. 10 s. 9  $\frac{3}{4}$  d.

40 There are 795  $\frac{3}{8}$  pieces at 11 s. 1  $\frac{3}{4}$  d. the piece, what come they to, *facit* 443 l. 5 s. 1  $\frac{3}{8}$  d.

41 If 1 dozen cost 17 s. 9  $\frac{1}{2}$  d. what 59 dozen and 5. *facit* 52 l. 15 s. 10  $\frac{29}{8}$  d.

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42 If the dozen cost 7 s. lacking 3 farthings, what comes 19 dozen and 10 to, *facit* 6 l. 17 s. 7  $\frac{1}{4}$  d.

43 If the dozen cost 10 s. and  $\frac{1}{4}$  d. what comes 79 dozen and 5 to, *facit* 39 l. 17 s. 5  $\frac{17}{32}$  d.

44 If the dozen cost 14 s. and  $\frac{3}{4}$  d. what 53 dozen and 7. *facit* 37 l. 13 s. 6  $\frac{3}{16}$ .

45 If 1 gross cost 17 s. 9  $\frac{1}{4}$  d. what 48 gross and 8 dozen, *facit* 43 l. 4 s. 10  $\frac{1}{8}$  d.

46 If the gross cost 13 s. 7  $\frac{3}{4}$  d. what 37 gross, 5 dozen and 8. *facit* 25 l. 11 s. 4  $\frac{11}{144}$ .

47 If the gross cost 16 s. 0  $\frac{1}{8}$  what comes 43 gross, 3 dozen and 5 to, *facit* 34 l. 13 s. 0  $\frac{89}{1152}$  d.

48 If the gross cost 17 s. wanting 2  $\frac{1}{2}$  farthings, what comes 75 gross, 5 dozen and 7 to, *facit* 63 l. 18 s. 11  $\frac{865}{1152}$ .

49 If the gross cost 2 l. 0 s. 3  $\frac{1}{2}$  d. what comes 19 gross, 11 dozen and 1 to, *facit* 40 l. 2 s. 9  $\frac{19}{384}$  d.

50 If the gross cost 3 l. 0 s. 5  $\frac{1}{2}$  d. what 35 gross, 9 dozen and 2. *facit* 108 l. 2 s. 2  $\frac{101}{48}$  d.

51 If

*with Fractions.*      47

51 If the gallon 3 s.  $5\frac{1}{2}$  d. what comes 237 gallons and 5 pints to, *facit* 41 l. 1 s.  $9\frac{7}{8}$  d.

52 If the gallon cost 4 s.  $7\frac{3}{4}$  d. what 147 gallons and 3 pints, *facit* 34 l. 4 s.  $8\frac{5}{8}$  d.

53 If the gallon cost 5 s.  $8\frac{1}{4}$  d. what 247 gallons  $6\frac{1}{2}$  pints, *facit* 70 l. 9 s.  $5\frac{3}{8}$  d.

54 If the stone cost 7 s.  $6\frac{3}{4}$  d. what comes 57 stone and  $5\frac{1}{2}$  l. to, *facit* 21 l. 16 s.  $3\frac{9}{8}$  d.

55 If the stone cost 11 s.  $0\frac{3}{4}$  d. what 75 stone and  $\frac{3}{4}$  l. *facit* 41 l. 10 s.  $8\frac{89}{88}$  d.

56 What comes 95 stone  $7\frac{1}{2}$  l. to, at 7 s.  $0\frac{1}{4}$  d. the stone, *facit* 33 l. 13 s.  $6\frac{47}{84}$  d.

57 If the yard cost 11 s.  $2\frac{1}{2}$  d. what comes 257 yards and 11 nails to, *facit* 144 l. 8 s.  $2\frac{31}{8}$  d.

58 If the yard be sold for 5 s.  $1\frac{1}{2}$  d. what shall 253 yards wanting  $3\frac{1}{2}$  nails cost, *facit* 64 l. 15 s.  $6\frac{3}{8}$  d.

59 If the yard cost 17 s.  $11\frac{3}{4}$  d. what 53  $1\frac{1}{4}$  yards and  $2\frac{1}{2}$  nails, *facit* 477 l. 14 s.  $2\frac{115}{128}$  d.

60 If the yard cost 3 l. 0 s.  $6\frac{1}{2}$  d. what comes 123 yards and  $\frac{3}{4}$  lacking  $1\frac{1}{2}$  nailes to, *facit* 374 l. 6 s.  $4\frac{17}{84}$  d.

61 Whatt

## 48 The Rule of Practice

61 What shall 143  $\frac{3}{4}$  ells lacking 2  $\frac{1}{2}$  nails come to at 13 s. 9  $\frac{1}{4}$  d. the ell, *facit* 98 l. 17 s. 10  $\frac{1}{2}$  d.

62 Item, One buyeth 257 ells  $\frac{1}{4}$  and 3  $\frac{1}{2}$  nails at 11 s. 6  $\frac{3}{4}$  d. the ell, how much comes that to, *facit* 142 l. 7 s. 9  $\frac{27}{100}$ .

63 If the ounce cost 6 s. 7  $\frac{1}{2}$  what 13 l. 9. ounces 13 d. weight at 12 ounces *per l.* *facit* 54 l. 17 s. 5  $\frac{7}{8}$  d.

64 If 1 ounce cost 5 s. 8  $\frac{3}{4}$  d. what comes 11 l. 5 ounces, 17 d. weight, 20 grains to, *facit* 39 l. 10 s. 0  $\frac{5}{8}$  d.

65 If 1 ounce be worth 5 s. 7  $\frac{1}{4}$  d. what 14 l. 11 ounces, 15 d. weight 17  $\frac{1}{2}$  grains, *facit* 50 l. 7 s. 6  $\frac{49}{100}$  d.

66 If 1 l. be worth 3 l. 5 s. 6 d. what 75 l. 9 ounces 18 d. weight, 14 grains, *facit* 248 l. 6 s. 8  $\frac{73}{100}$  d.

67 If 1 l. be worth 3 l. 7 s. 9  $\frac{3}{4}$  d. what 67 l. 11 ounces, 14 d. weight, 17  $\frac{1}{2}$  grains, *facit* 230 l. 9 s. 9  $\frac{39}{100}$  d.

68 If 1 l. be worth 3 l. 0 s. 5 d.  $\frac{1}{4}$  what 97 l. 8 ounces, 17 d. weight, 19  $\frac{1}{4}$  grains, *facit* 295 l. 7 s. 2  $\frac{16763}{10000}$  d.

69 If 1 l. be worth 3 s. 5  $\frac{1}{2}$  d. what are 275  $\frac{3}{4}$  l. & 2 ounces worth at 16 ounces *per l.* *facit* 47 l. 14 s. 0  $\frac{13}{100}$ .

*with Fractions.* 49

70 What are 73 l. 11  $\frac{1}{2}$  ounces worth at 5 s. 3  $\frac{1}{4}$  d. the l. *facit* 24 l. 17 s. 10  $\frac{7}{8}$  d.

71 What are 57 l. 5 ounces 3 d. weight worth, at 16 s. 9  $\frac{1}{2}$  the l. *facit* 48 l. 2 s. 9  $\frac{4}{8}$  d.

72 If the l. be worth 5 s. 7  $\frac{1}{2}$  d. what 70 l. 13 ounces 7 d. weight, *facit* 22 l. 10 s. 11  $\frac{1}{2}$  d.

73 If the l. be worth 2 s. 7  $\frac{1}{4}$  d. what 1 C. 3 quarters 19  $\frac{1}{2}$  l. *facit* 28 l. 1 s. 2  $\frac{3}{4}$  d.

74 If the l. be worth 3 s. 0  $\frac{1}{2}$  d. what 2 C. 1 quarter 17 l. 13 ounces, *facit* 41 l. 0 s. 8  $\frac{1}{2}$  d.

75 If the l. be worth 11 s. 7  $\frac{3}{4}$  d. what 3  $\frac{1}{2}$  C. 17 l. 11 ounces, *facit* 238 l. 11 s. 1  $\frac{1}{4}$  d.

76 If the great C. be worth 18 s. 9  $\frac{1}{2}$  d. what 29 C. 3 quarters 24 l. *facit* 28 l. 3 s. 0  $\frac{3}{8}$  d.

77 If the great C. be worth 32 s. 7  $\frac{1}{4}$  d. what 43 C. 1 quarter 19  $\frac{1}{2}$  l. *facit* 70 l. 17 s. 7  $\frac{5}{8}$  d.

78 If the great C. be worth 37 s. 5  $\frac{1}{4}$  d. what 57 C. 2 quarters, 17 l. 11 ounces, *facit* 107 l. 18 s. 6  $\frac{5}{8}$  d.

79 If the great C. be worth 2 l. 0 s. 10  $\frac{1}{2}$  d. what 74 C. 3 quarters,  
E 25 l.

# 10 The Rule of Practice.

25 l. 15 ounces, facit 153 l. 4 s.  
 $10 \frac{1075}{3584}$ .

80 If the great C. cost 3 l. 0 s. 7  $\frac{1}{2}$  d.  
 what 97 C. 2 quarters, 19 l. 7 ounces,  
 facit 296 l. 3 s. 5  $\frac{6633}{7168}$ .

81 If the load of alabaster cost 3 l.  
 what comes 17 load and 5 foot to,  
 at 18 foot per load, facit 51 l. 16 s.  
 8 d.

82 If the load be sold for 3 l. 6 s.  
 3 d. what comes 27 load 13 foot to,  
 facit 91 l. 16 s. 7  $\frac{1}{2}$  d.

83 If the load cost 3 l. 11 s. 4  $\frac{1}{2}$  d.  
 what comes 31 load 14 foot to, facit  
 113 l. 8 s. 1  $\frac{1}{2}$  d.

84 If the load cost 4 l. 16 s. 7  $\frac{1}{2}$  d.  
 what 41 load 13 foot to, facit 201 l.  
 13 s. 7  $\frac{131}{128}$  d.

85 If the load cost 5 l. 0 s. 10  $\frac{1}{2}$  d.  
 what 51 load, 17 foot, 7 inches, facit  
 262 l. 2 s. 0  $\frac{81}{64}$  d.

86 If the load be worth 4 l. 0 s. 7  $\frac{1}{2}$  d.  
 what 59 load, 13 foot, 7  $\frac{1}{2}$  inches, facit  
 340 l. 17 s. 10  $\frac{1}{2}$  d.

87 If the fodder of lead be worth  
 9 l. 17 s. 5 d. what comes 17 fodder,  
 14 C. 1 quarter, 17 l. 10, facit 175 l.  
 1 s. 10  $\frac{1381}{128}$  d.

88 If



88 If the fodder be worth 10 l. 0 s. 6  $\frac{1}{2}$  d. what comes 23 fodder, 15 C. 3 quarters, 25 l. to, *facit* 238 l. 16 s. 8  $\frac{3}{4}$  d.

89 If 1 fodder cost 11 l. 2 s. 0  $\frac{1}{2}$  d. what 14 fodder, 17 C. 2 quarters 23  $\frac{1}{2}$  l. *facit* 165 l. 10 s. 2  $\frac{7}{8}$  d.

90 If the fodder cost 9 l. 11 s. 1  $\frac{1}{2}$  d. what comes 18 fodder, 13 C. 3 quarters, 17 l. 13 ounces to, *facit* 178 l. 16 s. 6  $\frac{21}{32}$  d.

91 If the fodder be worth 9 l. 13 s. 0  $\frac{3}{4}$  d. what comes 23 fodder, 0 C. 1 quarter, 23 l. 11 ounces to, *facit* 222 l. 5 s. 0  $\frac{3}{4}$  d.

92 If the acre be let for 7 s. 3  $\frac{1}{2}$  d. what comes 417 acres, 3 rood, and 17 pole to, *facit* 152 l. 6 s. 10  $\frac{1}{4}$  d.

93 If the acre be let for 9 s. 8  $\frac{1}{2}$  d. what comes 513 acres, 1 rood, 37  $\frac{1}{2}$  pole to, *facit* 249 l. 15 s. 9  $\frac{3}{4}$  d.

94 If the acre be sold for 7 l. 12 s. 5  $\frac{1}{2}$  d. what comes 449 acres, 3 rood, 17  $\frac{1}{2}$  pole to, *facit* 3429 l. 5 s. 0  $\frac{7}{8}$  d.

95 A room is 57  $\frac{1}{2}$  foot about, and 8  $\frac{1}{2}$  heigh, and it is to be wainscoted at 5 s. 3  $\frac{1}{2}$  d. the yard square how much comes it to, *facit* 13 l. 18 s. 10  $\frac{1}{4}$  d.

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96 A room is about 73  $\frac{1}{2}$  foot and heigh 9 foot  $\frac{1}{2}$ , which is to be wainscot-ed at 5 s. 7  $\frac{1}{2}$  d. the yard square what comes it to, *facit* 22 l. 8 s. 0  $\frac{47}{2}$ .

97 If a room be about 67 foot 7 inch. and high 8 foot 5 inch. what comes it to the wainscoting at 6 s. 2  $\frac{1}{2}$  d. the yard square, *facit* 19 l. 13 s. 8  $\frac{2173}{4}$  d.

98 If a room be about 97 foot 8  $\frac{1}{2}$  inches, and high 9 foot 7  $\frac{1}{2}$  inches, what comes it to at 6 s. 5  $\frac{1}{2}$  d. the yard square, *facit* 33 l. 11 s. 4  $\frac{31395}{24}$  d.

99 A room is 48 foot about and 8 foot high, which is to be hung with stuff that is ell broad, I demand what it comes to, when 1 yard of that stuff is sold for 22  $\frac{1}{2}$  d. *facit* 2 l. 4 s.

100 A room is about 73 foot 9 inches, and high 7 foot 11 inches, which is to be hung with ell broad stuff which cost 2 s. 3  $\frac{1}{2}$  d. the yard, what comes it to, *facit* 6 l. 0 s. 0  $\frac{25}{2}$  d.

101 If a room be about 95 foot 3  $\frac{1}{2}$  inches, and high 9 foot 10  $\frac{1}{2}$  inches, and is to be hung with ell broad stuff at 23 s. 7  $\frac{1}{2}$  d. the yard, what comes it to, *facit* 98 l. 19 s. 10  $\frac{161}{4}$ .

102 A bricklayer hath tiled a house containing on each side in length 78 foot.

78 foot, and in breadth 18 foot, and he counteth for every 10 foot square 1000 of tiles, I demand how much it comes to, when the tiles are sold for 14 s. 3 d. a 1000. *facit* 10 l. 0 s. 0  $\frac{3}{10}$  d.

103 If a house be 52 foot long on each side, and 21 foot broad, accounting for every 10 foot square 1000 of tiles, what comes it to, esteeming the tiles to be at 12 s. 7  $\frac{1}{2}$  d. the 1000. *facit* 13 l. 15 s. 8  $\frac{1}{2}$  d.

104 A bricklayer hath done a piece of tiling of 147 foot 3 inches in length, and in breadth 19 foot 7 inches, I demand how much it comes to at 12 s. 9  $\frac{1}{4}$  d. the 1000 of tiles, accounting for every 10 foot square 1000 tiles, *facit* 18 l. 8 s. 3  $\frac{7}{12}$  d.

105 A piece of tiling was performed of 273 foot 7 inches in length, and in breadth of 21 foot 5 inches, what comes it to at 11 s. 10  $\frac{3}{4}$  d. the 1000 accounting 10 foot square to take up 1000 tiles, *facit* 34 l. 17 s. 0  $\frac{400}{576}$  d.

106 A brick wall is long 345  $\frac{3}{4}$  foot, and heigh 11  $\frac{1}{2}$  foot, what comes it to at 48 s. 4 d. the rod square, *facit* 35 l. 5 s. 10  $\frac{3}{8}$  d.

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108. If a wall be long 173 foot 10 inches, and high 11 foot 4 inches, what comes it to at 43 s. 7  $\frac{1}{2}$  d. the rod square, *facit* 15 l. 15 s. 8  $\frac{42}{37}$  d.

109 A brick wall is long 237 foot 9  $\frac{1}{2}$  inches, and high 13 foot 2  $\frac{1}{2}$  inches, what comes it to at 2 l. 6 s. 8 d. the rod square, *facit* 26 l. 17 s. 6  $\frac{189}{14}$  d.

110 If a wall be long 247 foot 5  $\frac{1}{2}$  inches, and deep 12 foot 7  $\frac{1}{2}$  inches, I demand what it comes to the building at 47 s. 3  $\frac{1}{2}$  d. the rod square, *facit* 27 l. 1 s. 10  $\frac{89}{37}$  d.

111. What comes the provision of 758 l. 14 s. 3 d. to, at 3 per cent. *facit* 22 l. 15 s. 2  $\frac{73}{8}$  d.

112 What comes the provision of 2145 l. 13 s. 7 d. to, at 2  $\frac{1}{2}$  per cent. *facit* 53 l. 12 s. 10  $\frac{3}{4}$  d.

113. What provision must be paid for 491, 17, 5, at 2 per cent. *facit* 9 l. 16 s. 8  $\frac{49}{2}$  d.

114. A merchant is to receive provision of 911, 9, 11, at 1  $\frac{1}{2}$  per cent. what comes it to, *facit* 13 l. 13 s. 5  $\frac{77}{2}$  d.

115 When a Factor taketh 1 per cent. for his provision, what must he have for 743, 17, 3, *facit* 7 l. 8 s. 9  $\frac{27}{2}$  d.

116 What

# with Fractions. 55

116 What comes the provision of  
1537, 17, 2 to, at  $\frac{3}{4}$  per cent. facit 11 l.  
10 s. 8  $\frac{2}{3}$  d.

117 How much provision must one  
be allowed for 591, 17, 5, at  $\frac{1}{2}$  per cent.  
facit 2 l. 19 s. 2  $\frac{4}{5}$  d.

119 How much provision must one  
have for 687 l. 13 s. 11 d. at  $\frac{1}{2}$  per cent.  
facit 1 l. 14 s. 4  $\frac{2}{3}$  d.

120 What provision must be count-  
ed for 413 l. 13 s. 3 d. at  $\frac{1}{2}$  per cent. fa-  
cit 27 s. 6  $\frac{2}{3}$  d.

121 What comes the interest of  
2753 l. 11 s. 4 d. to for a year, at 10  
per cent. facit 275 l. 7 s. 1  $\frac{3}{4}$  d.

122 What interest must be allowed  
for 964 l. 16 s. 5 d. for 7 months at 10  
per cent. facit 56 l. 5 s. 7  $\frac{2}{3}$  d.

123 How much comes the interest  
of 1536 l. 14 s. 8 d. to at 10 per cent.  
for 5 months and 20 days at 30 days  
per month facit 72 l. 11 s. 4  $\frac{1}{2}$  d.

124 What interest must be paid  
for a year, for 1274 l. 13 s. 7 d. at 8 per  
cent. facit 101 l. 19 s. 5  $\frac{1}{2}$  d.

125 How much interest must be  
paid for 973 l. 12 s. 7 d. at 8 per cent.  
for 8 months, facit 51 l. 18 s. 6  $\frac{3}{4}$  d.

126 Item,

## 56 The Rule of Practice.

126 Item, One is to pay use for 946 l. 12 s. 4 d. after 8 per cent. for 9 months and 12 days, how much comes it to, *facit* 59 l. 6 s. 5  $\frac{1}{2}$  d.

127 What is the interest of 2153 l. 11 s. 9 d. worth, after 8 per cent. for 3 months and 17 days, *facit* 51 l. 4 s. 1  $\frac{1}{2}$  d.

128 What is the interest of 864 l. 13 s. 10 d. after 7 per cent. for a year, *facit* 60 l. 10 s. 6  $\frac{1}{2}$  d.

129 What interest shall one allow for 1321 l. 19 s. 2 d. after 7 per cent. for 5 months, *facit* 38 l. 11 s. 1  $\frac{1}{2}$  d.

130 What may the interest of 1549 l. 14 s. 5 d. come to for 7 months and 19 days after 7 per cent. *facit* 69 l. 0 s. 1  $\frac{1}{2}$  d.

These questions of interest are wrought according to the accustomed manner heretofore used, but are somewhat defective: for even in this last question by working as men usually do the interest for 7 months and 19 days comes to 69 l. 0 s. 1 d. as above is to be seen, but if this were wrought according to truth, which cannot be justly done but by Logarithms the interest of the aforesaid 1549 l. 14 s. 5 d. for



for 7 months and 19 days would come but to 68 *l.* 1 *s.* 5 *d.* which wanteth 18 *s.* 8 *d.* of the former *facit.* So he that payeth the use mony, paying according to the accustomed course of casting up such questions, payeth 18 *s.* 8 *d.* more than he should, it being cast up according to truth: But intending to write a particular Treatise of use Monys, Annuities and valuing of Rents or Leases, to be wrought by Logarithms, I do here forbear to speak farther of this matter, and do refer it to another place.

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*The Rule of Three in  
whole Numbers, and  
with Fractions.*

1. **I**F in a week be spent 14 *l.* 3 *s.* 6 *d.* what is that a day, *facit* 2 *l.* 0 *s.* 6 *d.*

2 If in a year, or 52 weeks be spent 16 *l.* 5 *s.* what is that a week, *facit* 6 *s.* 3 *d.*

3 If 27 men have to part amongst them 279 *l.* what is that a piece, *facit* 10 *l.* 6 *s.* 8 *d.*

4 When 37 acres are let for 13 *l.* 11 *s.* 4 *d.* what is that an acre, *facit* 7 *s.* 4 *d.*

5 When the great C. cost 5 *l.* 2 *s.* 8 *d.* what is that a *l.* *facit* 11 *d.*

# *The Rule of Three, &c. 59*

6 If a bag weighing 3 C. 2 quarters  
7 l. cost 11 l. 12 s. 9 d. what cost the l.  
*facit* 7 d.

7 If the l. cost 18 s. 7 d. what cost  
3 ounces at 16 ounces per l. *facit* 3 s.  
5  $\frac{13}{16}$  d.

8 If the dozen cost 23 l. 10 s. 3 d.  
what cost 7 fa. 13 l. 14 s. 3  $\frac{3}{4}$  d.

9 If a cloath containing 32 yards  
cost 25 l. 13 s. 6 d. what comes 11  
yards to, *facit* 8 l. 16 s. 6  $\frac{3}{4}$  d.

10 If the stone cost 23 s. 5 d. what  
5 l. *facit* 14 s. 7  $\frac{1}{2}$  d.

11 When the stone cost 2 s. 9 d.  
what 3 l. 7 ounces, *facit* 10 d. 2  $\frac{1}{2}$  far-  
things.

12 If the dozen cost 9 s. 3 d. what  
259 *facit* 9 l. 19 s. 7  $\frac{3}{4}$  d.

13 If the score cost 13 l. 10 s.  
what 7 dozen and 5 *facit* 60 l. 1 s.  
6 d.

14 If in a year be spent 214 l. what  
comes that to for 19 weeks, account-  
ing 52 weeks to the year, *facit* 78 l.  
3 s. 10  $\frac{1}{2}$  d.

15 If 359 l. of powder was suffici-  
ent to discharge a piece 31 times, how  
much powder is required to discharge  
the same piece 11 times, *facit* 127 l. 6  
ouñces  $\frac{6}{11}$ . 16 If

## 60 The Rule of Three, &c.

16 If 359 l. discharge a piece 31 times, how many times will a barret weighing 7 C. 3 quarters, 15 l. discharge the same piece, *facit* 76 times and 2 l. 13 ounces  $\frac{2}{3}$  of powder over.

17 If 40 Soldiers are maintained a certain time for 100 l. how many men may be maintained with 473 l. the same time, *facit* 189 and 10 s. over.

18 If in a year be spent 149 l. how much comes that to, for 21 weeks and 3 days, at 365 days per year, *facit* 61 l. 4 s. 7 d. 3  $\frac{1}{4}$  farthings.

19 If 1 ounce of white plate be sold for 5 s. 8 d. how many ounces will 50 l. buy, *facit* 176 ounces 9  $\frac{1}{2}$  d. weight.

20 If 1 acre of land be let for 7 s. 6 d. how many acres may be rented after that rate for 112 l. *facit* 298  $\frac{1}{2}$ .

21 If 10 stone and 7 l. cost 19 s. 3 d. what comes 5 stone and 3 l. to after that rate, *facit* 9 s. 6  $\frac{1}{2}$  d.

22 If 11 gross and 6 dozen cost 5 l. 9 s. 6 d. what 19 gross 4 dozen, *facit* 9 l. 4 s. 1  $\frac{1}{2}$  d.

23 If the great C. cost 4 l. 7 s. how much may be bought for 100 l. *facit* 22 C. 3 quarters 26 l. 11  $\frac{3}{4}$  ounces.

24 If

*with Fractions.*      61

24 If the stone of feathers cost 8 s. 6 d. how much comes a bag weighing 2 C. 3 quarters  $17\frac{1}{2}l.$  to, *facit*  $17l. 3s. 10\frac{1}{8}d.$

25 If the stone cost 6 s.  $7\frac{1}{2}d.$  what 5 C. 2 quarters  $19\frac{3}{4}l.$  *facit*  $26l. 6s. 5\frac{4}{8}d.$

26 If the great C. cost 7 l. 10 s. what 6 stone and 3 l. *facit*  $3l. 8s. 3\frac{9}{4}d.$

27 If the great C. cost 6 l. 17 s. 4 d. what comes 27 l. 11 ounces to after that rate, *facit*  $33s. 11\frac{4}{11}d.$

28 If  $3\frac{1}{2}l.$  cost  $10\frac{1}{2}d.$  what 17 l. *facit*  $4s. 3d.$

29 If  $2\frac{3}{4}l.$  cost  $19\frac{1}{2}d.$  what 75 l. *facit*  $2l. 4s. 3d.$  farthings  $3\frac{3}{4}.$

30 If  $10\frac{1}{2}$  yards cost 26 s. what 59 yards, *facit*  $7l. 6s. 1\frac{1}{7}d.$

31 If a pipe of oyl containing 116 gallons cost 23 l. 10 s. what comes 54 gallons and 1 quarter to, *facit*  $10l. 19s. 9\frac{3}{8}d.$

32 When the tunn of 236 gallons is sold for 37 l. 5 s. what comes 58 gallons to, *facit*  $9l. 3s. 1\frac{7}{2}d.$

## 62 The Rule of Three, &c.

33 What comes 43 gallons and 5 pints to, at 38 *l.* 12 *s.* the tun of 236 gallons, *facit* 7 *l.* 2 *s.* 8  $\frac{5}{11}$ .

34 If 13  $\frac{1}{2}$  cost 9 *s.* what 1. *facit* 8 *d.*

35 If 17  $\frac{1}{4}$  cost 5 *l.* what 1. *facit* 5 *s.* 9  $\frac{13}{3}$  *d.*

36 If 12  $\frac{1}{2}$  cost 14 *l.* 7 *s.* 3 *d.* what 7  $\frac{1}{2}$  *facit* 8 *l.* 6 *s.* 7  $\frac{1}{3}$   $\frac{3}{4}$  *d.*

37 If 27 cost 17  $\frac{1}{2}$  *l.* what 11  $\frac{3}{4}$ . *facit* 7 *l.* 12 *s.* 3  $\frac{3}{4}$  *d.*

38 If 25  $\frac{1}{2}$  cost 16 *l.* 11 *s.* what 19  $\frac{1}{3}$ . *facit* 12 *l.* 10 *s.* 11  $\frac{2}{3}$   $\frac{3}{4}$  *d.*

39 If 17  $\frac{3}{4}$  cost 9 *l.* 7 *s.* 6 *d.* what 54  $\frac{1}{2}$ . *facit* 28 *l.* 15 *s.* 8  $\frac{3}{4}$   $\frac{2}{3}$  *d.*

40 If 25  $\frac{3}{4}$  cost 19  $\frac{1}{2}$  *l.* what 147. *facit* 111 *l.* 6 *s.* 4 *d.* 3  $\frac{5}{7}$  farthings.

41 If 75  $\frac{3}{8}$  ells are worth 47 *l.* 13 *s.* 4 *d.* what 359  $\frac{2}{3}$  ells, *facit* 227 *l.* 9 *s.* 0  $\frac{3}{8}$   $\frac{8}{9}$  *d.*

42 If 54  $\frac{4}{5}$  cost 43  $\frac{3}{4}$  what 179  $\frac{2}{3}$ . *facit* 143 *l.* 2 *s.* 9  $\frac{9}{47}$  *d.*

43 When 69  $\frac{2}{3}$  cost 175  $\frac{1}{3}$  *l.* what 547  $\frac{3}{8}$  *facit* 1382 *l.* 17 *s.* 11  $\frac{1}{3}$   $\frac{3}{4}$   $\frac{5}{7}$  *d.*

44 What comes 57  $\frac{3}{4}$  to, at 14 *s.* 7  $\frac{1}{2}$  *d.* every 7  $\frac{1}{4}$ . *facit* 5 *l.* 16 *s.* 2  $\frac{46}{145}$  *d.*

45 If



# with Fractions. 63

45 If  $\frac{1}{2}$  ell cost 4 s. what 17  $\frac{1}{2}$  ells,  
facit 7 l.

46 If  $\frac{1}{4}$  of a yard cost 17  $\frac{1}{2}$  d. what  
9 yards  $\frac{3}{4}$ . facit 2 l. 15 s. 3 d.

47 If  $\frac{3}{4}$  cost 5 s. 6 d. what 21  $\frac{1}{2}$ . fa-  
cit 7 l. 17 s. 8 d.

48 If  $\frac{5}{8}$  cost 3 s. 7  $\frac{1}{2}$  d. what 10  $\frac{3}{4}$ .  
facit 3 l. 1 s. 10  $\frac{3}{4}$  d.

49 If 2  $\frac{1}{2}$  cost  $\frac{3}{4}$  d. what 97. facit 2 s.  
51  $\frac{1}{10}$  d.

50 If  $\frac{5}{8}$  cost  $\frac{3}{4}$  of a s. what 17  $\frac{1}{2}$ . fa-  
cit 15 s. 6  $\frac{3}{4}$  d.

51 If  $\frac{1}{2}$  cost 14 s. 7 d. what  $\frac{3}{8}$  facit  
10 s. 11  $\frac{3}{4}$  d.

52 If  $\frac{3}{8}$  cost 17 s. 4  $\frac{1}{2}$  d. what  $\frac{5}{8}$  facit  
38 s. 7  $\frac{1}{3}$  d.

53 If  $\frac{4}{5}$  cost  $\frac{3}{8}$  of a s. what  $\frac{7}{8}$ . facit  
4 d. 3 farth.  $\frac{11}{16}$  d.

54 If  $\frac{7}{8}$  cost  $\frac{2}{3}$  of a l. what  $\frac{2}{5}$ . facit  
6 s. 1  $\frac{1}{7}$  d.

55 If 3  $\frac{1}{3}$  cost  $\frac{5}{8}$  l. what  $\frac{4}{5}$  facit 3 s.

56 If 5  $\frac{1}{4}$  cost  $\frac{4}{7}$  l. what  $\frac{3}{5}$  facit 15 d.  
2  $\frac{3}{4}$  farthings.

57 If 5 cost  $\frac{3}{4}$  s. what  $\frac{7}{8}$  facit 1 d.  
2 far. and  $\frac{3}{10}$ .

58 4  $\frac{3}{4}$  cost  $\frac{7}{8}$  of a l. what  $\frac{5}{8}$  facit 3 s.  
0 d.  $\frac{16}{15}$ .

## 64 The Rule of Three, &c.

59 If  $\frac{5}{8}$  of a ship be worth 215 l. what is  $\frac{2}{3}$  thereof worth *facit* 137 l. 12 s.

60 What is  $\frac{7}{8}$  worth when  $\frac{3}{4}$  comes to 119 l. 17 s. 3 d. *facit* 174 l. 15 s. 11 d.  $\frac{7}{8}$ .

61 A merchant had the  $\frac{3}{4}$  of a ship, and of his  $\frac{3}{4}$  sold  $\frac{1}{4}$  for 171 l. I demand how much the ship was worth, *facit* 380 l.

62 *Item*, A, bought  $\frac{2}{3}$  of  $\frac{1}{2}$  of a ship, and B, bought  $\frac{3}{4}$  of  $\frac{4}{5}$  of the same, I demand which had the bigger part, and how much, *facit* A, by  $\frac{1}{3}$  part.

63 When the  $\frac{2}{3}$  of  $\frac{3}{4}$  is 147 l. 11 s. 3 d. how much is the whole, *facit* 491 l. 17 s. 6 d.

64 *Item*, a son had left him by his father a certain portion, and spent  $\frac{1}{4}$  thereof, then of the rest he spent  $\frac{1}{3}$ . and so he had 252 l. left, I demand how much was his portion, *facit* 672 l.

65 *Item*, One had a portion and gave thereof to his mother  $\frac{2}{3}$ . and of the remainder he gave to a yonger brother  $\frac{1}{4}$ . so he had 324 l. left, how much was his portion, *facit* 720 l.

*with Fractions.*      65

66 A young man received 210 *l.* which was  $\frac{3}{4}$  of  $\frac{2}{3}$  of his elder brother's portion, now  $3\frac{1}{2}$  times his elder brother's portion was  $1\frac{1}{3}$  times his father's estate, I demand how much was his father's estate, *facit* 2205 *l.*

67 A man dying gave to one child  $\frac{2}{5}$  of  $\frac{3}{4}$ . and to another  $\frac{5}{6}$  of  $\frac{2}{3}$  of his estate, and when they counted their portions, the one had 543 *l.* 1 *s.* 9 *d.* more than the other, I demand how much each had, and how much was their father's estate, *facit* A, had 673 *l.* 10 *s.* 9 *d.* B. 1180 *l.* 12 *s.* 6 *d.* and their father's estate 2125 *l.* 2 *s.* 6 *d.*

68 A man departing this world gave to one child  $\frac{3}{4}$  of  $\frac{2}{3}$  of his estate, and of the remainder he gave another  $\frac{7}{8}$  of  $\frac{2}{3}$ . and when they counted their moneys, the one had 173 *l.* 12 *s.* 4 *d.* more than the other, I demand how much each had, and what was their father's estate, *facit* A, had 416 *l.* 13 *s.* 7  $\frac{1}{2}$  *d.* B, 243 *l.* 1 *s.* 3  $\frac{1}{2}$  *d.* and their father's estate was 1388 *l.* 18 *s.* 8 *d.*

69 If the *l.* cost 11 *s.* 4 *d.* what 2  $\frac{1}{2}$  ounces, *facit* 21  $\frac{1}{4}$  *d.*

## 66 The Rule of Three, &c.

70 If the *l.* cost 17 *s.* 3 *d.* what 3 quarters and 2 ounces, *facit* 15 *s.* 1  $\frac{1}{8}$  *d.*

71 When the *l.* is worth 37 *s.* 9 *d.* what 5  $\frac{1}{4}$  ounces, *facit* 13 *s.* 6 *d.* 3 farthings  $\frac{3}{4}$  *d.*

72 The *l.* being sold for 2 *l.* 0 *s.* 6 *d.* what comes  $\frac{1}{2}$  *l.* lacking 1  $\frac{1}{4}$  ounces to, *facit* 17 *s.* 1  $\frac{1}{3}$  *d.*

73 What comes 7 ounces 11 penny weight to, at 3 *l.* 8 *s.* the *l.* of 12 ounces, *facit* 42 *s.* 9  $\frac{2}{3}$  *d.*

74 When 1 *l.* of fine silver is worth 3 *l.* 6 *s.* 8 *d.* what comes 9 ounces 13 *d.* weight to, *facit* 2 *l.* 13 *s.* 7  $\frac{1}{3}$  *d.*

75 The *l.* being at 3 *l.* 5 *s.* what comes 8 ounces 7  $\frac{3}{4}$  *d.* weight to, *facit* 2 *l.* 5 *s.* 5  $\frac{3}{8}$  *d.*

76 If 1 yard cost 14 *s.* what 3 quarters and 1 nail, *facit* 11 *s.* 4  $\frac{1}{2}$  *d.*

77 When the yard is sold for 5 *s.* 6 *d.* what comes 3 nails  $\frac{1}{2}$  to, *facit* 14  $\frac{7}{8}$  *d.*

78 If the yard cost 38 *s.* 5 *d.* what  $\frac{1}{2}$  yard 2  $\frac{1}{4}$  nails, *facit* 24 *s.* 7  $\frac{3}{4}$  *d.*

79 If the ell is worth 14 *s.* 8 *d.* what  $\frac{3}{4}$  and 2 nails, *facit* 12 *s.* 5  $\frac{3}{8}$  *d.*

# with Fractions. 67

80 What comes  $\frac{1}{2}$  ell and  $2\frac{1}{4}$  nails to, at 17 s.  $5\frac{1}{2}$  d. the ell, *facit* 17 s.  $6\frac{9}{10}$  d.

81 If 3 l.  $2\frac{1}{2}$  oun. cost 14 s.  $9\frac{1}{2}$  d. what 135 l. 13 ounces, *facit* 31 l. 16 s.  $5\frac{7}{8}$  d.

82 What shall 73 l. 15 ounces cost when 7 l.  $5\frac{3}{4}$  ounces cost 48 s.  $7\frac{1}{2}$  d. *facit* 24 l. 8 s.  $6\frac{4}{7}$  d.

83 If the yard cost 5 s.  $7\frac{1}{2}$  d. how much may one buy for 15 l. *facit*  $53\frac{1}{2}$  yards.

84 When the ell cost 11 s.  $4\frac{1}{2}$  d. how many ells will 19 l. 7 s. 4 d. buy, *facit* 34 ells 2 nails  $\frac{3}{8}$ .

85 When the yard cost 7 s.  $5\frac{3}{4}$  d. how many yards may 21 l. 16 s. 3 d. buy, *facit* 58 yards, 5 nails and  $\frac{9}{32}$  parts of a nail.

86 If 1 doller be worth 4 s. 5 d. how many may one have for 157 l. 10 s. 6 d. *facit* 713 and 17 d. over.

87 How many crowns at 5 s. 6 d. the piece may be had for 74 l. 13 s. 2 d. *facit* 271. and 2 s. 8 d. over.

88 *Item*, One would change 531 l. 17 s. 2 d. for 22 shilling pieces, how, many

## 68 *The Rule of Three, &c.*

many must he have, allowing 1 *d.* upon a piece for change, *facit* 481 pieces and 15 *s.* 1 *d.* over.

89 How many ducats at 5 *s.* 9  $\frac{1}{2}$  *d.* the piece, may one have for 732 dollars at 4 *s.* 5 *d.* the piece, *facit* 558 ducats and 1 *s.* 3 *d.* over, or  $1\frac{3}{4}$  parts of a ducat.

90 What comes 253  $\frac{1}{2}$  *l.* to, at 9 pattars 3 gigos the *l.* *facit* 118 fl. 16 p. 13  $\frac{1}{2}$  mailles.

91 If 1 *l.* cost 7 pattars 1 gigo, what 857  $\frac{3}{4}$  *l.* *facit* 305 fl. 11 p. 11  $\frac{1}{2}$  mailles.

92 If 1 cost 11 pattars 1 liart, what 597  $\frac{3}{8}$  *l.* *facit* 336 fl. 0 p. 11  $\frac{1}{4}$  mailles.

93 If 1 cost 16 pattars wanting 1 liart, what 329  $\frac{1}{2}$  *l.* *facit* 259 florins, 8 pattars, 1  $\frac{1}{2}$  mailles.

94 If 1 cost 17 pattars 5 gigos, what 317  $\frac{3}{4}$  *l.* *facit* 279 *l.* 10 *s.* 10  $\frac{1}{2}$  *d.*

95 If 1 cost 13 pattars 7 gigos, what 213  $\frac{1}{8}$  *l.* *facit* 147 florins, 17 pattars, 2  $\frac{1}{8}$  mailles.

96 If 2  $\frac{3}{4}$  ells cost 7  $\frac{1}{2}$  florens, what 79 ells, *facit* 215 florens, 12 albus, 2  $\frac{1}{4}$  *d.*

97 If 47  $\frac{3}{4}$  cost 73  $\frac{2}{3}$  florens, what 29  $\frac{2}{3}$  *facit* 45 florins, 9 albus, 5  $\frac{1}{5}$   $\frac{1}{5}$  *d.*

98 If



• *with Fractions.* 67

98 If 17 cost 3 florens 10 albus,  
what *facit* 4 albus  $3\frac{3}{4}d$ .

99 If  $43\frac{1}{2}$  ells cost  $35\frac{1}{3}$  florins, how  
many ells may be bought for  $10\frac{3}{4}$  flo-  
rins, *facit* 13 ells, 1 quarter and  $\frac{1}{2}\frac{2}{3}$   
of a quarter.

100 *Item*, one bought 543, 475,  
and 519 *l.* of some commodity at  $13\frac{3}{4}$   
florins the 100. what comes it to,  
*facit* 205 florins, 15 albus,  $3\frac{2}{3}d$ .

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*Accounts*

## Accounts for Cassiers.

1 **I**F 1 doller be worth 4 s. 6 d.  
what are 459 worth, *facit*  
103 l. 5 s. 6 d.

2 If a crown be worth 5 s. 6 d.  
what are 397 worth, *facit* 109 l. 3 s.  
6 d.

3 When a ducat is worth 7 s. 6 d.  
what are 549  $\frac{1}{2}$  worth, *facit* 206 l. 1 s.  
3 d.

4 *Item*, one received 2140 harpers,  
how much money is that, *facit* 80 l.  
5 s.

5 What are 2357 pieces at 13  $\frac{1}{2}$  d.  
the piece worth, *facit* 132 l. 11 s. 7  $\frac{1}{2}$  d.

6 *Item*, One received 759 half-  
crown pieces of 2 s. 9 d. the piece, how  
much money comes it to, *facit* 104 l.  
7 s. 3 d.

7 *Item*,

## Accounts for Cassiers. 71

7 *Item* a traveller would have 415 French crowns, but he must pay 6 s. and 1 d. for each crown, how much come they to, *facit* 126 l. 4 s. 7 d.

8 *Item*, One would have 450 ducats, but must pay  $57 \frac{1}{2}$  d. for a ducat, what come they to, *facit* 107 l. 16 s. 3 d.

9 What are 759 pieces at 7 s. 10 d. the piece worth, *facit* 297 l. 5 s. 6 d.

10 A merchant received 973 pieces at 11 s.  $8 \frac{1}{2}$  d. the piece, what come they to, *facit* 569 l. 12 s.  $2 \frac{1}{2}$  d.

11 What are 531 gets worth at 4 pieces *per* get, and at  $4 \frac{1}{2}$  d. *per* piece, *facit* 39 l. 16 s. 6 d.

12 How much are 732 gets worth at 4 pieces *per* get, and at  $7 \frac{1}{4}$  d. the piece, *facit* 88 l. 9 s.

13 How much do 635 gets at 4 pieces *per* get, and at 35 pattars the the piece come to, *facit* 4445 florens.

14 What are 359 gets worth at 4 pieces *per* get, and at 13 pattars the piece, *facit* 933 florens, 8 pattars.

15 If a piece be worth 18 pattars, and there are 4 pieces to a get, what comes 275 gets to, *facit* 990 florens.

## 72 *Accounts for Cassiers.*

16 If a piece be worth 31 pattars, what are 400 gets worth at 4 pieces to the get, *facit* 2480 florens.

17 If 1 piece be worth 19 pattars and 3 gigos, what is 517 gets worth at 4 pieces *per* get, *facit* 2003 florens, 7  $\frac{1}{2}$  pattars.

18 How much comes 715 gets to, at 4 pieces *per* get, and at 13 pattars 5 gigos the piece, *facit* 1948 florens, 7 pattars, 4 gigos.

19 If a piece be worth 15 pattars, 1 gigo, what are 457 gets worth 4 pieces *per* get, *facit* 1382 florens 8, 2 pattars.

20 How many pounds comes 519 gets to, at 4 pieces *per* get, and 37 pattars, 3 gigos the piece, when 6 florens make 1 l. *facit* 646 l. 11 s. 9 d.

21 How many l. are 957 gets worth, at 31 pattars, 7 gigos the piece, and 4 pieces *per* get, *facit* 1016 l. 16 s. 3 d.

22 There are 859 gets at 27 pattars, 3 gigos the piece, and 4 pieces *per* get, how many l. do they make, *facit* 783 l. 16 s. 9 d.

## Accounts for Cashiers. 73

23 How many *l.* is 587 gets, at 23 pattars and 1 liart the piece, and at 4 pieces per get, *facit* 454 *l.* 18 *s.* 6 *d.*

24 At 11 pattars less 1 gigo the piece, and 4 pieces per get, what comes 537  $\frac{1}{2}$  gets to, *facit* 194 *l.* 16 *s.* 10  $\frac{1}{2}$  *d.*

25 What are 579  $\frac{1}{2}$  gets worth at 27 pattars 3 gigos the piece, and 4 pieces per get, *facit* 533 *l.* 17 *s.* 0  $\frac{1}{2}$  *d.*

26 Item, One hath 100 *l.* for the which he would have dollers at 4 *s.* 4 *d.* the piece, how many must he have, *facit* 461  $\frac{7}{8}$ . or 2 *s.* 4 *d.* over.

27 How many dollers at 4 *s.* 6 *d.* the piece may one have for 135 *l.* 17 *s.* 3 *d.* *facit* 603 dollers and  $\frac{1}{8}$ . or 3 *s.* 9 *d.* over.

28 A Traveller would have Venice ducats for 200 *l.* how many must he have, they being held at 57  $\frac{1}{2}$  *d.* the piece, *facit* 834 and  $\frac{1}{11}$ . or 3 *s.* 9 *d.* over.

29 How many ducats may one have for 159 *l.* 11 *s.* 3 *d.* at 56  $\frac{1}{2}$  *d.* the piece *facit* 680 and  $\frac{4}{5}$ . or 3 *s.* 9 *d.* over.

30 When the exchange is at 57  $\frac{7}{8}$  *d.* per ducate, how many may one receive for 139 *l.* 17 *s.* 11 *d.* *facit* 584 and  $\frac{2}{17}$  or 4 *s.* 5  $\frac{2}{3}$  *d.* over.

## 74 Accounts for Cassiers.

31 If the exchange from *London* to *Hombrough* be at 25 s. 6 d. Flemish, for a l. sterling, I demand how much may be received there for 350 l. sterling paid here, *facit* 446 l. 5 s. 0 d.

32 When the exchange is at 26 s. 1 d. Flemish for a l. sterling, how much Flemish money may be had for 173 l. 11 s. 9 d. sterling, *facit* 226 l. 7 s. 8  $\frac{7}{8}$  d.

33 If the exchange between *London* and *Middleborough* be at 35 s. 6 d. Flemish for 1 l. sterling, I demand how much Flemish money shall be received for 135 l. 15 s. 6 d. sterling, *facit* 241 l. 0 s. 0 d.  $\frac{2}{3}$ .

34 When the exchange is at 34 s. 7 d. Flemish for 1 l. sterling, how much sterling may be received for 173 l. 14 s. 3 d. Flemish, *facit* 331 l. 15 s. 8  $\frac{44}{53}$  d.

35 The exchange from *Middleborough* to *London* being at 25 s. 7 d. Flemish for 1 l. sterling, how much sterling shall be received for 732 l. 11 s. 5 d. Flemish, *facit* 572 l. 13 s. 10  $\frac{158}{157}$  d.

36 How many French crowns at 6 s. the piece may one have for 127 l.

11 s.



## Accounts for Cassiers. 75

11 s. 4 d. *facit* 425 crowns and 1 s. 4 d. over, or  $\frac{8}{9}$  of a crown.

37 When one must pay 1  $\frac{1}{2}$  d. change upon every French crown, how many crowns may one have for 134 l. 16 s. 2 d. *facit* 440 crowns for  $\frac{4}{5}$  or 14 d. over.

38 How many crowns at 5 s. 6 d. the piece may be had for 275 dollers at 4 s. 4 d. the piece, *facit* 216  $\frac{2}{3}$  crowns, or 3 s. 8 over.

39 How many florens at 3 s. 9 d. the piece may be had for 569 pieces of 13  $\frac{1}{2}$  d. the piece, *facit* 170 florens, and  $\frac{1}{2}$  or 2 pieces and 4  $\frac{1}{2}$  d. over.

40 *Item*, One hath 273 crowns at 5 s. 6 d. the piece, more 312 ducats at 6 s. 4 d. the piece, for the which he would have 22 shilling pieces, how many must he have, *facit* 158 pieces, and 18 d. over.

41 One hath 759 ducats, at 7 s. 6 d. the piece, more 579 dollers at 4 s. 8 d. the piece, for which he would have Flemish marks at 14 s. 3 d. the piece, how many must he have, *facit* 589 and  $\frac{1}{2}$  or 15 d. over.

## 76 Accounts for Cassiers.

42 A man oweth 769 *l.* and towards payment hath received 954 pistolets at 12 *s.* 2 *d.* the piece, more 347 crowns of 5 *s.* 3 *d.* the piece, and a bill of exchange of 243 ducats at 6 *s.* 4  $\frac{1}{2}$  *d.* the piece, how much is yet behind, *facit* 20 *l.* 2 *s.* 1  $\frac{1}{2}$  *d.*

43 A Merchant sold a commodity, for 579 *l.* 14 *s.* 6 *d.* and received towards the payment thereof 217 rose-nobles at 16 *s.* 10 *d.* the piece, more 793 cardecus at 18 *d.* the piece, and for the rest he is willing to have Hungary ducats at 8 *s.* 1 *d.* the piece, how many must he have, *facit* 835 and 2 *s.* 7 *d.* over.

44 *Item*, One desireth to have 750 pistolets, which are worth 11 *s.* 4 *d.* the piece, but for change he must pay 2 for every 100. what come they to *facit* 433 *l.* 10 *s.*

45 *Item*, One is to receive 1500 *l.* and because he would have it paid with pieces of 30 *s.* which are worth 33 *s.* the piece, he is willing to allow 2  $\frac{1}{2}$  for every 100. I demand how many he must have, *facit* 886  $\frac{414}{455}$  pieces, or 30 *s.* 3  $\frac{3}{4}$  *d.* over.

## Accounts for Cassiers. 77

46 A certain man would have French crowns at 6 s. the piece, and for change he must pay  $\frac{1}{2}$  upon the 100. I demand how many he may have for 140 l. *facit* 464  $\frac{2}{3}$  s. or 2 s.  $\frac{8}{9}$  over.

47 *Item*, One hath 950 pieces of 8 s. 3 d. the piece, but they will yeild  $\frac{1}{2}$  more upon the 100. for the which he would have old angels at 11 s. 6 d. the piece, which will yeild 2 upon the 100 profit, I demand how many angels he must have for his 950 pieces, *facit* 678  $\frac{2}{3}$  s. or 2 s. 1  $\frac{1}{3}$  d. over.

48 *Item*, One hath 1000 pieces of 14 s. the piece, but they will yeild 2 upon the 100 profit, which he would change for double ducats that are worth 12 s. the piece, but they will yeild 1 upon the 100 profit, I demand how many ducats he must have for his 1000 pieces, *facit* 1178 l. or 1178 and 1 s.  $\frac{1}{2}$  over.

49 A man hath 2 sorts of money, viz. English crowns that are worth 5 s. the piece, and dollers that are worth 4 s. 6 d. the piece, I demand how much in the 100 an

## 78 Accounts for Cassiers.

English crown is better than a deller  
*facit* dollers 11  $\frac{1}{2}$

50 A man hath florens at 60 kirtzers the piece, and gilderns at 62 kirtzers the piece, I demand how much in the 100 a gildern is better than a floren, *facit* 3  $\frac{1}{4}$ .

51 A Cassier is to receive a summ of money, and is offered ducats at 6 s. 4 d. the piece, which are worth but 6 s. 2  $\frac{1}{2}$  d. or checkins for 8 s. 2 d. the piece that are worth but 8 s. I demand which money he shall take to have the smallest loss, *facit* the ducats.

52 A Cassier is to receive 500 l. and he is offered crowns at 6 s. and 1  $\frac{1}{2}$  d. the piece, which are worth but 6 s. or dollers at 4 s. 5 d. the piece, which are worth but 4 s. 4 d. I demand which money he shall take to have the least loss, and how much he loseth in the whole, 500 l. *facit* the dollers, and loseth in the whole 15 s. 4  $\frac{2}{3}$   $\frac{1}{3}$   $\frac{2}{3}$  d. more, if he take his payment in Crowns, than he doth if he be paid in dollers.

53 A Cassier hath 3 sorts of money, viz. 600 Crowns at 6 s. the piece,

## *Accounts for Cassiers. 79*

piece, more 750 ducats at 5 s. 8 d. the piece, and 800 dollars at 4 s. 4 d. the piece, afterwards he puts away those crowns of 6 s. for 6 s. 1  $\frac{1}{2}$  d. the ducats of 5 s. 8 d. for 5 s. 9 d. and the dollars of 4 s. 4 d. for 4 s. 4  $\frac{1}{2}$  d. the piece, I demand how much he hath gained by them all, *facit* 8 l. 10 s. 10 d.

54 *Item*, One hath 300 l. for the which he would have 2 sorts of coyn, viz. dollars at 4 s. 5 d. the piece, and crowns at 5 s. 6 d. the piece, and he would have of each a like, I demand how many he must have of each sort for his 300 l. *facit* of each 605 and 5 d. over.

55 *Item*, One hath 527 l. 17 s. 6 d. for which he would have 3 sorts of coyn, viz. dollars at 4 s. 6 d. the piece, ducats at 5 s. 8 d. the piece, and crowns at 6 s. 1 d. the piece, now he would have twice so many dollars as ducats, and once and  $\frac{1}{2}$  as many dollars as crowns, I demand how many he must have for his 527 l. 17 s. 6 d. of each sort, *facit* 927 dollars, 463  $\frac{1}{2}$  ducats, and 618 crowns.

56 *Item*, One would change 980 l. 16 s. 8 d. for pistolets, Flemish marks, and

## 80 *Accounts for Cassiers.*

and rose-nobles, the pistolets are worth 11 s. 6 d. the piece, the Flemish marks 14 s. the piece, and the rose-nobles 16 s. 8 d. the piece, now he will that  $\frac{2}{3}$  of the pistolets make  $\frac{5}{8}$  of the Flemish marks, and  $\frac{2}{3}$  of the  $\frac{5}{8}$  of the rose-nobles, I demand how many of each he must have for his 980 l. 16 s. 8 d. *facit* 500 pistolets, 533  $\frac{2}{3}$  Flemish marks, and 384 rose-nobles.

57 If 10 crowns and 7 ducats be equal to 8 crowns and 8  $\frac{1}{2}$  ducats, I demand the proportion between the crowns and the ducats, *facit* 4. crowns is equal to 3 ducats.

58 If 7 florens and 3 crowns be equal to 8 crowns lacking 2 florens, how many florens is 500 crowns worth, *facit* 900 florens.

59 *Item*, One changeth 10 crowns and 4 dollers for 3 l. 8 s. and at another time 7 crowns and 2 dollers of the same coyn, and after the same rate for 2 l. 4 s. I demand the value of the crown and of the doller, *facit* the crown was worth 5 s. and the doller 4 s. 6 d.



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60 Again 11 ducats and 7 florens  
were changed for 4*l.* 10*s.* 10*d.* and  
at another time of the same coyns 4  
ducats and 3 florens after the same  
rate for 35*s.* I demand the value of  
each specie, *facit* the ducat 5*s.* 6*d.*  
and the floren 4*s.* 5*d.*

**Divers**

## *Divers daily Accounts.*

1 **I**F the yard cost 11 d. what 217.  
*facit* 9 l. 18 s. 11 d.

2 If the l. cost  $3 \frac{1}{2}$  d. what  
 713 l. *facit* 10 l. 7 s. 11  $\frac{1}{2}$  d.

3 If 1 l. of candles cost  $4 \frac{1}{2}$  d. what  
 comes 7 dozen and 9 l. to, *facit* 34 s.  
 10  $\frac{1}{2}$  d.

4 If 1 l. of butter cost  $3 \frac{3}{4}$  d. what  
 a vessel containing 128  $\frac{1}{2}$  l. *facit* 2 l.  
 0 s. 1  $\frac{7}{8}$  d.

5 If a gallon of wine be sold for  
 2 s. 4 d. what comes a vessel contain-  
 ing 116 gallons to, *facit* 13 l. 10 s.  
 8 d.

6 If a gallon cost 3 s.  $5 \frac{1}{2}$  d. what  
 134 gallon, *facit* 23 l. 3 s. 5 d.

7 If

## Divers daily Accounts. 83

7 If 1 ounce of lace cost 4 s. 7 d.  
what 19  $\frac{1}{2}$  ounces, *facit* 4 l. 8 s. 2  $\frac{3}{4}$  d.

8 If 1 ounce of silk cost 2 s. 7  $\frac{1}{2}$  d.  
what 2 l. 5  $\frac{1}{2}$  ounce, *facit* 4 l. 17 s.  
9  $\frac{3}{8}$  d.

9 If 1 l. cost 7  $\frac{3}{4}$  d. what 13 stone  
and 5 l. *facit* 3 l. 8 s. 1  $\frac{1}{2}$  d.

10 If 1 l. cost 9  $\frac{3}{4}$  d. what 17 stone  
3  $\frac{1}{2}$  l. *facit* 5 l. 13 s. 4  $\frac{1}{8}$  d.

11 If 1 l. of currens cost 4  $\frac{1}{2}$  d. what  
2 C. 1 quarter, 7 l. *facit* 4 l. 17 s.  
1  $\frac{1}{2}$  d.

12 If 1 pound of sugar cost 14 d.  
what 3 C. 2 quarters 17  $\frac{1}{2}$  l. *facit* 23 l.  
17 s. 9 d.

13 If 1 l. of mace cost 13 s. 7  $\frac{3}{4}$  d.  
what 3 C. 2 quarters, 19  $\frac{1}{2}$  l. *facit*  
280. 11. 10  $\frac{1}{2}$  s. or 3 farthings and  $\frac{3}{4}$ .

14 If in 1 day be spent 4 s. 9 d.  
what is that a year, *facit* 86 l. 13 s.  
9 d.

15 If in 1 day be spent 5 s. 3  $\frac{1}{2}$  d.  
what comes that to for 19 weeks and  
4 days, *facit* 36 l. 4 s. 11  $\frac{1}{2}$  d.

16 When the ounce of white plate  
cost 5 s. 8 d. how many ounces may  
one buy for 17 l. 10 s. *facit* 61 ounces  
9  $\frac{1}{7}$  d. weight.

17 If

## 84 Divers daily Accounts.

17 If the ell cost 7 s. 9  $\frac{1}{2}$  d. how much will 40 l. buy, *facit* 102  $\frac{1}{2}$  ells, 3 nails  $\frac{89}{184}$ .

18 When the yard cost 4 s. 9  $\frac{1}{2}$  d. how much may be bought for 26 l. 11 s. 3  $\frac{1}{2}$  d. *facit* 111 yards, 1 quarter, 1 nail  $\frac{183}{320}$ .

19 If One spend 3 s. 7 d. a day, how long will 19 l. last after that rate, *facit* 15 weeks, 1 day, and 2 d. over.

20 When there is spent 8 s. 9 d. a day, how long will 100 l. last, *facit* 32 weeks, 4 days and 5 s. over.

21 If a Souldier have 9 d. a day, how much mony will maintain 50 men for 17 weeks, *facit* 223 l. 2 s. 6 d.

22 How much will maintain 175 men for 7 months, allowing each man 14 d. a day, and counting 30 days to a month, *facit* 2143 l. 15 s. 0 d.

23 A Captain hath 1000 l. allowed him to maintain 150 men 24 weeks, how much may he allow each man a day, *facit* 9  $\frac{1}{2}$  d. and 50 s. over.

24 If a Piece shoot 14 l. of powder at a time, how often may she be discharged with 3 C. 2 quarters 11 l. of powder, *facit* 28 times and 11 l. over.

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25 If there be in a ship 24 pieces, each piece shooting 12 l. at a time, how much powder will discharge them all over 20 times, and what comes it to at 15 d. the l. *facit* 51 C. 1 quarter, 20 l. and it comes to 360 l. in mony.

26 There are 6 pieces placed against a battery, the one shoots 20, the other 18, 16, 14, 12, and the least 10 l. of powder at a time, I demand if there be bestowed 400 l. worth of powder at 14 d. the l. how many times over the said powder will discharge those 6 pieces, *facit* 76 times and 17 l. of powder over, or in mony 20 s. over.

27 If 256 l. of powder will discharge a piece 18 times, how many times will 9 C. 3 quarters, 17 l. discharge the same piece, and how much powder is left, *facit* 77 times, and is left 13  $\frac{3}{4}$  l.

28 If 24 l. will maintain 40 men a certain time, how many men will 100 l. maintain the same time, and how much mony is left, *facit* it will maintain 166 men, and 8 s. over.

29 If the great C. cost 9 s. 4 d. what the fodder, *facit* 9 l. 2 s. 0 d.

H

30 If

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30 If the great C. cost 8 s. 11 d. what 3 fodder 17  $\frac{1}{4}$  C. *facit* 33 l. 15 s. 5  $\frac{1}{4}$  d.

31 If the yard cost 7 s. 5 d. what 5 nails, *facit* 2 s. 3 d. 3  $\frac{1}{2}$  farthings.

32 If the yard cost 14 s. 9  $\frac{1}{2}$  d. what  $\frac{1}{2}$  the yard and 2  $\frac{1}{4}$  nailes, *facit* 9 s. 11 d. 1  $\frac{1}{4}$  farthings.

33 If the ell cost 17 s. 4 d. what  $\frac{3}{4}$  and 1 nail, *facit* 13 s. 10  $\frac{3}{4}$  d.

34 If the ell cost 11 s. 3  $\frac{1}{4}$  d. what  $\frac{1}{2}$  ell 1  $\frac{1}{2}$  nail, *facit* 6 s. 7 d. 1  $\frac{6}{8}$  farthings.

35 The chaldron cost 23 s. 6 d. what the bushel, *facit* 7 d. 3  $\frac{1}{4}$  farthings.

36 The chaldron being at 37 s what is that a bushel, *facit* 12  $\frac{1}{4}$  pence

37 If the ounce cost 53 s. 7 d. what cost 13 d. weight 17 grains, *facit* 36 s. 8 d. 2  $\frac{10}{7}$  farthings.

38 If the ounce cost 3 l. 8 s. what 14 d. weight 11  $\frac{1}{2}$  grains, *facit* 2 l. 9 s. 2  $\frac{3}{4}$  d.

39 If the fodder cost 9 l. 7 s. 4 d. what the great C. *facit* 9 s. 7  $\frac{1}{3}$  d.

40 When the fodder cost 13 l. 9 s. 5 d. what comes 7 C.  $\frac{3}{4}$  quarteas, 19  $\frac{1}{4}$  l. to, *facit* 5 l. 9 s. 5 d. 3  $\frac{1}{10}$  farthings.

41 If



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41 If a cloth containing  $37\frac{3}{4}$  yards cost 23 l. 11 s. 4 d. what is that a yard, *facit* 12 s. 5 d. 3  $\frac{47}{111}$  farthings.

42 If a piece of taffety containing  $57\frac{1}{4}$  ells cost 39 l. 17 s. 3 d. what comes 19  $\frac{3}{4}$  ells to, *facit* 13 l. 9 s. 9 d. 2  $\frac{220}{225}$  farthings.

43 If a piece of velvet containing 43 yards and  $\frac{1}{8}$  cost 54 l. 18 s. 7 d. how much may one buy for 17 l. 13 s. 5 d. *facit* 13 yards, 3 quarters, 3  $\frac{12511}{13113}$  nails.

44 If 3 hogs-heads and 19 gallons cost 14 l. 11 s. 7 d. what is that a gallon, when 63 gallons is 1 hogs-head, *facit* 16 d. 3  $\frac{11}{11}$  farthings.

45 If a vessel containing 134 gallons cost 12 l. 7 s. 3 d. what a tierse and 7 gallons, *facit* 4 l. 10 s. 4 d. 3  $\frac{27}{27}$  farthings.

46 When the tunn of 236 gallons cost 35 l. 7 s. 4 d. what a punction lacking 2 gallons, *facit* 12 l. 5 s. 9  $\frac{11}{11}$  pence.

47 If the gross cost 4 l. 11 s. 3 d. what the dozen, *facit* 7 s. 7  $\frac{1}{4}$  d.

48 If 3 gross and 5 dozen cost 8 l. 15 s. 7 d. what 7 dozen and 10, *facit* 33 s. 6 d. 2  $\frac{28}{123}$ .

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49 When 5 gross and 7 dozen cost 11 *l.* how many may one buy for 5 *l.* 7 *s.* 3 *d.* *facit* 2 gross, 8 dozen 7  $\frac{1}{2}$  *s.*

50 When 3 C. 2 quarters, 19 *l.* cost 17 *l.* 5 *s.* 4 *d.* how much may be bought for 9 *l.* 0 *s.* 7 *d.* *facit* 1 C. 3 quarters, 18 *l.* 14  $\frac{1}{2}$   $\frac{1}{2}$  ounces.

51 If an Oxe cost 15 *l.* and weighed 610 *l.* what cost 1 *l.* when there is abated 3 *l.* 10 *s.* for the tallow and skin, *facit* 4 *d.* 2  $\frac{1}{2}$  farthings.

52 A Butcher bought an Oxe for 12 *l.* weighing beside the skin and legs 690 *l.* and therein is 10  $\frac{1}{2}$  stone of suet at 3 *s.* 2 *d.* the stone, and the skin and legs yeilded 32 *s.* 5 *d.* I demand how much a stone of Beef stands him in, *facit* 27  $\frac{1}{2}$  *d.*  $\frac{7}{8}$  parts of  $\frac{1}{2}$  *d.*

53 *Item*, One bought 3 pieces of linnen cloth containing ells 31, 34, 32  $\frac{1}{2}$  at 3 *s.* 7  $\frac{1}{2}$  *d.* the ell, what comes it to, *facit* 17 *l.* 13 *s.* 5  $\frac{1}{4}$  *d.*

54 *Item*, One bought 4 pieces of fatten containing 32  $\frac{1}{2}$ , 31  $\frac{3}{4}$ , 34, and 34  $\frac{1}{2}$ , at 13 *s.* 6  $\frac{1}{2}$  *d.* the yard, *facit* 89 *l.* 17 *s.* 7  $\frac{7}{8}$  *d.*

55 A man bought 3 pieces of velvet containing 47  $\frac{1}{2}$ , 48  $\frac{1}{2}$ , 49  $\frac{1}{2}$  yards, at 25 *s.* 4 *d.* the yard, *facit* 183 *l.* 16 *s.* 6 *d.*

56 A

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56 A merchant bought 7 pieces of holland containing ells 31, 31  $\frac{1}{2}$ , 31  $\frac{3}{4}$ , 32, 32  $\frac{1}{2}$ , 32  $\frac{1}{2}$ , 31  $\frac{1}{2}$ , at 3 s. 2  $\frac{1}{2}$  d. the ell, what comes it to, *facit* 35 l. 13 s. 10  $\frac{1}{2}$  d.

57 A man bought 2 bags of peper, weighing 2 C. 3 quarters, 17 l. 2 C. 2 quarters, 25  $\frac{1}{2}$  l. at 23  $\frac{1}{4}$  d. the l. *facit* 61 l. 1 s. 7  $\frac{1}{8}$  d.

58 *Item*, One bought 4 bags of cloves, weighing 3 C. 2 quarters, 19 l. 3, 3, 2, 13, 2, 27, 3, 1, 24, tare 2  $\frac{3}{4}$ , 2  $\frac{1}{2}$ , 2 l.  $\frac{1}{4}$ , and  $\frac{1}{2}$ , 2 l. 3  $\frac{1}{2}$  quarters, at 9 s. 3 d. the l. *facit* 753 l. 12 s. 10  $\frac{1}{2}$  d.

59 *Item*, One bought 5 chests of sugar, weighing 7, 3, 11  $\frac{1}{2}$ , 17, 2, 19  $\frac{1}{4}$ , 7, 3, 24  $\frac{3}{4}$ , 17, 1, 17  $\frac{1}{2}$ , 17, 2, 26  $\frac{1}{4}$ , 1 tare, 2 quarters, 11 l. 12, 17, 12, 15, 12, 19, 2, 13 l. at 4 l. 5 s. the great C. what comes it to in money, *facit* 150 l. 14 s. 7 d. 3  $\frac{1}{2}$  farthings.

60 A merchant bought 5 bags of madder weighing 10, 3, 19, 110, 2, 26, 110, 1, 17, 111, 0, 5, 111, 0, 7 tare, 2 quarters, 9  $\frac{1}{2}$ , 12, 15  $\frac{3}{4}$ , 12, 16  $\frac{1}{2}$ , 12, 15  $\frac{1}{2}$ , 12, 8  $\frac{1}{2}$ , [at 47 s. 6 d. the C.] *facit* 121 l. 5 s. 11 d. 3  $\frac{1}{3}$  farthings.

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61 Item, One bought 7 pieces of  
cambrick, containing, viz.  $34\frac{1}{2}$  ells,  
 $34$  ells  $3$  nails, |  $34\frac{1}{2}$  ells  $2$  nails, |  
 $35\frac{1}{4}$  ells  $3$  nails, |  $35\frac{1}{4}$  ells  $1$  nail, |  $34\frac{3}{4}$   
 $3$  nails, |  $34\frac{1}{4}$  and  $4$  nails, at  $4$  s.  $5\frac{1}{2}$  d.  
the ell, how much comes it to, facit  
 $54$  l.  $3$  s.  $7\frac{6}{4}$  d.

62 Item, One buyeth 8 pieces of lawn, containing yards  $31\frac{1}{4}$ ,  $31\frac{1}{4}$ , 2 nails,  $131\frac{1}{2}$ , 3 nails,  $131\frac{1}{4}$ ,  $131\frac{1}{4}$ , 3 nails,  $131\frac{1}{2}$ , 1 nail,  $131\frac{1}{2}$ , 3 nails, | at 5 s.  $2\frac{3}{4}$  d. the yard, facit 66 l. 0 s.  $8\frac{1}{8}$  d.

63 *Item*, One bought 8 bags of mace, weighing 175 *l.* 13 ounces, 194, 15, | 189, 12  $\frac{1}{2}$ , | 154, 14  $\frac{1}{2}$ , | 167, 9  $\frac{1}{4}$ , | 165, 7  $\frac{1}{2}$ , | 171  $\frac{3}{4}$ , | 173, 5  $\frac{1}{2}$ , | tare 2 *l.* 3 ounces, | 2, 4  $\frac{1}{2}$ , | 2, 5, | 2, 6  $\frac{1}{2}$ , | 2, 3  $\frac{1}{2}$ , | 2, 1  $\frac{3}{4}$ , | 2, 5  $\frac{3}{8}$ , | 2, 4  $\frac{7}{8}$ , | at 14 *s.* 7  $\frac{1}{2}$  *d.* the *l.* *facit* 1005 *l.* 12 *s.* 9 *d.* 2  $\frac{7}{8}$  farthings.

64 Item, One bought 10 pieces of rich taffety, containing as followeth, ells  $53 \frac{1}{2}$ ,  $153 \frac{1}{4}$ ,  $154 \frac{3}{4}$ ,  $154 \frac{1}{2}$ ,  $153 \frac{1}{2}$ ,  $154 \frac{2}{3}$ ,  $154 \frac{1}{4}$ ,  $154 \frac{3}{4}$ ,  $154 \frac{5}{8}$ ,  $153 \frac{4}{7}$ , 1 at 15 s. 9 d. the ell, facit 427 l. 5 s. 8 d. 3  $\frac{1}{2}$  farthings.

65 Item, One bought 3 bags of  
nutmegs, weighing 236, 238, 243,  
1. tare

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l. tare 1 l. 7 ounces | 1  $\frac{3}{4}$  l. | 1 l. 5  $\frac{1}{2}$  ounces, | 1  $\frac{3}{4}$  l. | 1 l. 5  $\frac{1}{2}$  ounces | at 6 s. 7 d. the l. neat, *facit* 234 s. 10 d. 5  $\frac{1}{2}$  d.

66 Item, One buyeth 3 bags of cloves, weighing l. 123, | 127, | 129  $\frac{1}{2}$ , | tare 2 l. 3 ounces. | 2, 1, | 1  $\frac{3}{4}$  l. and 2 ounces, at 8 s. 7  $\frac{1}{2}$  d. the l. *facit* 161 l. 0 s. 4  $\frac{1}{2}$  d.

67 Item, One buyeth 3 bags of hops weighing, viz. 2 C. 3 quarters, 17 l. 2, 2, 25, | 3, 0, 9, tare | 4  $\frac{1}{2}$ , 4  $\frac{3}{4}$ , 4 l. at 43 s. 6 d. the C. *facit* 18 l. 13 s. 6 d. 1  $\frac{4}{8}$  farthings.

68 Item, One buyeth 147 fraills of raisins, at 3 l. 12 s. 4 d. the conple, *facit* 265 l. 16 s. 6 d.

69 Item, One bought 3 bags of almonds, weighing 325, | 329, | 314, | tare 10 l. 12  $\frac{1}{2}$  l. 11 l. 6 ounces, at 3 l. 0 s. 6 d. the 100. *facit* 28 l. 5 s. 1 d. 20  $\frac{3}{4}$  farthings.

70 Item, One buyeth 4 sacks of wooll, weighing l. 759, | 768, | 790, | 785, | tare 18  $\frac{1}{2}$ , 19  $\frac{3}{4}$ , 20, 18 l. at 11 s. 6 d. the tod of 28 l. *facit* 62 l. 2 s. 8 d. 2  $\frac{1}{2}$  farthings.

71 What comes 3 sacks weighing 573, | 579, | 582, | l. tare 16  $\frac{3}{4}$ , 16  $\frac{1}{2}$ , 16 l. at 9 s. 3  $\frac{1}{2}$  d. the tod, *facit* 27 l. 19 s. 0 d. 3  $\frac{3}{4}$  farth. 72 A

## 92 Divers daily Accounts.

72 A man buyeth 3 bots of corans weighing 973, 954, 1985, 1 tare for every bot 57 l. at 27 s. 4 d. the 100. *facit* 37 l. 9 s. 2  $\frac{1}{2}$  d.

73 A man buyeth 4 bots weighing 7 C. 3 quarters, 11 l. 8, 0, 6, 18, 1, 17, 18, 0, 25, 1 tare 57  $\frac{1}{2}$ , 159, 161  $\frac{3}{4}$ , 165 l. at 31 s. 7 d. the great C. of 112 l. *facit* 48 l. 0 s. 0 d. 1  $\frac{7}{8}$  farthings.

74 A man buyeth 3 tun of allum weighing 750, 1762, 1769, 1 l. tare 6 in the 100. at 57 s. 6 d. the 100. *facit* 61 l. 12 s. 10  $\frac{2}{3}$  d.

57 A man bought 7 sacks of galls weighing 7 C. 2 quarters, 19 l. 7, 2, 24, 17, 3, 11, 17, 1, 27, 18, 0, 9, 18, 0, 17, 18, 1, 3, 1 tare 4 in the 100. at 8 s. 4 d. the great C. of 112 l. what comes it to in money, *facit* 22 l. 1 s. 10  $\frac{2}{3}$  d.

76 A man bought 10 bots of corance weighing 22, 3, 17, 122, 1, 19, 123, 0, 7, 123, 0, 25, 122, 3, 24, 122, 1, 14, 121, 3, 25, 123, 0, 10, 123, 1, 18, 122, 2, 26, 1 tare, and cloff 15 in the 100. treat 4 upon the 100. at 38 s. 6 d. the great C. of 112 l. what comes it to, *facit* 358 l. 19 s. 1  $\frac{9}{12}$  d.

77 Item,



*Divers daily Accounts.* 93

77 *Item*, One buyeth 3 chests of sugar weighing 9 C. 3 quarters, 17 l. 10 C. 1 quarter, 25 l. 10 C. 0 quar. 23 l. 19 C. 3 quarters, 21 l. 1 and 10 C. 2 quarters, 25 l. tare, 75 l. 69 l. 73 l. 70 l. 68 l. 4 upon the 100. at 5 l. 6 s. the great C. neat, *facit* 244 l. 19 s. 5  $\frac{1}{2}$  d.

78 *Item*, One buyeth 10 bags of peper, weighing together neat 39 C. 3 quarters, 15 l. at 23  $\frac{2}{3}$  d. the l. for the which he payeth 327  $\frac{1}{2}$  ells of holland, at 4 s. 3 d. the ell, more 245  $\frac{2}{3}$  yards of lawn, at 7 s. 4  $\frac{1}{2}$  d. the yard, and over and above 753  $\frac{1}{2}$  ducats, at 5 s. 7  $\frac{1}{2}$  d. the piece, I demand how much is yet behind, *facit* 65 l. 5 s. 1  $\frac{1}{2}$  d.

79 *Item*, One buyeth a piece of velvet containing 57  $\frac{1}{2}$  yards, at 25 s. 6 d. the yard, for the which he payeth 132 dollers at 4 s. 4 d. the piece, more 147  $\frac{1}{2}$  ell of holland at 2 s. 9  $\frac{1}{2}$  d. the ell, also 72 pistolets, and in mony 8 s. 5  $\frac{3}{4}$  d. I demand at what price 1 pistolet was rated, *facit* at 6 s. 7 d.

80 *Item*, One buyeth cloves, mace and nutmegs, the cloves are 5 s. 8 d. a l. the mace 11 s. 6 d. the l. and the nut-

## 94 *Divers daily Accounts.*

Butmegs 6 s. 4 d. the l. now he would  
have of each sort a like, I demand  
how many pounds of each he may  
have for 850 double ducats, at 10 s.  
8 d. the piece, *facit* 385 l. 13  $\frac{7}{8}$   
ounces.

**A D**

# Additions

## TO THIS

### EDITION.

**A**T the request of the Publisher, I have here inserted several Questions of the Rule of Practice with Fraction, as also some other Questions wrought and performed after the way my Father taught in his life time, not heretofore Published.

Let one be of the 87 Question.

*Fodders C. qu. l.*

For the 17 14 1 17 set down  
l. s. d. l. s. d.

17 14 9  $\frac{13}{2}$   $\frac{7}{2}$  at 9 17 5 per Fod.

159 12 11 3 4

8 17 4 8 3

5 18 3 1 0  $\frac{1}{2}$

11 9 11 5 2

1 5 9 4 0  $\frac{8}{7}$

175 1 10 8 1 1 5  $\frac{13381}{2148}$  d.

So is the Answer found to be 175 l.

1 s. 10 d.  $\frac{13381}{2148}$ .

The

The same Question wrought another way, and may be somewhat more easie to perceive, which I many years communicated to divers, yet handling or ordering the Fractions after the manner of my Fathers Method.

Fodders C. q. l. l. s. d.  
 17 14 1 17 at 9 17 5 per fod.

l.

153 s.

8 10

4 5

1 14 d.

0 5 8

0 1 5

3 5 9  $\frac{3}{4}$

3 5 9 2

5 0 2  $\frac{13}{8}$

5 0 2 3

2 6 1 1  $\frac{2}{7}$

1 3 0 7 9  $\frac{2}{7}$

2 0 6 1 0  $\frac{7}{3}$

1 0 3 0 1 1  $\frac{3}{7}$

An. 175 1 10 1 11 1 0 4 1  $\frac{1381}{1174}$  d

Thus after this second way, the Answer of the said Question will be found as aforesaid.

The

The 2. Example shall be the 90. Question.

Fod. C. q. l. oun.

For the 18. 13. 3 17. 13. set down

l. s. d. l. s. d.

18. 14. 3.  $\frac{13}{2} \cdot \frac{7}{3} \cdot \frac{8}{1}$  at 9. 11. 1.  $\frac{1}{2}$  p. fod.

168. 8. 4. 9. 0. 1

9. 7. 1. 7. 5. 0.  $\frac{4}{2}$

18. 8. 7. 1. 7. 1

2. 4. 0. 6. 2. 3.  $\frac{8}{3}$

A. 17. 816. 6. 11. 6. 3. 2. 5.  $\frac{21365}{22296}$  d.

By this Operation after the first way of the foregoing Question, the Answer to this 2. Example Question 90. will be found 178 l. 16 s. 6 d.  $\frac{21365}{22296}$

I have omitted the doing hereof after the second way in the preceeding Question, not doubting but the ingenious by well considering that, may order and operate this Question accordingly.

*The 3. Example of the 67. Question.*

1. oun. dra. gra.  
 For 67. 11. 14. 17.  $\frac{1}{2}$  set down  
 l. s. d. l. s. d.  
 67. 19. 6.  $\frac{4}{2} \frac{1}{5}$  at 3. 7. 9.  $\frac{3}{4}$  per lib.

---

203. 18. 8. 0. 1. 3.  
 16. 19. 10. 2. 1. 2.  $\frac{4}{5}$   
 8. 9. 11. 1. 0. 4. 1.  $\frac{4}{5}$   
 16. 11. 3. 1. 2. 3. 1.  $\frac{5}{6}$   
 4. 2. 3. 1. 5. 0. 3. 1.  $\frac{4}{5}$

---

A. 230. 9. 9. 0. 1. 0. 0. 2. 3. 3.  $\frac{1975}{5375}$

---

By this operation the Answer  
 to the 67. Question will be found  
 230 l. 9 s. 9 d.  $\frac{1975}{5375}$   $\frac{395}{75}$  d.

I have omitted the doing this  
 Question after the second way of the  
 first hereof, supposing after a little  
 consideration the Industrious may dis-  
 pose and operate this after that me-  
 thod.



The 4. Example of the 101. Question of  
the Rule of Practise with Fractions.

l. s. d.

942.15. 8.  $\frac{1}{2}$ .  $\frac{4}{7}$

---

3771. 2. 8. 11---

---

419. 0. 3.7.3.  $\frac{2}{5}$

---

83.16. 0.8.3.1 The Yards are 83

8. 7. 7.3.1.1. and 3 quar.  $\frac{1}{4}$ .

4. 3. 9.7.2.5.

2. 1. 10.9.3.2.  $\frac{4}{7}$

10. 5.8.1.7.1.  $\frac{1}{7}$

---

Answ. 98.19.10.1.3.7.3.1.  $\frac{56}{743}$  of a d.

In this Question there doth arise  
two Demands, one, the Number of the  
Yards when the Stuff is Ell broad, the  
other what comes it to in mony; the  
former is 83 yards and 3  $\frac{1100}{5184}$  quarters,  
the latter is 98.19.10 d.  $\frac{56}{743}$  of a d.  
in mony.

Here folleth other Questions done by Practise after the aforesaid manner.

If an Ingott of Silver weigh 65 l. 7 ou. 14 dw. 6 gr. at 11 ou. 6 dw. fine, and at 3 l. 1 s. 6 d. the lib. of fine Silver, And it is required both to know the fine Silver it containeth, also what it comes to in mony? Answer, the fine Silver is 61 l. 9 ou. 15 dw.  $6\frac{1}{2}$  gra. And in mony 190 l. 1 s.  $6\frac{7}{12}\frac{6}{2}\frac{8}{3}$  d.

The Work.

l. s. d.

65.12.10. $\frac{34}{8}$

---

32.16.5. 3.

21.17.7.10.

5. 9.4.20. $\frac{2}{2}$

1. 7.4. 5.0. $\frac{2}{2}$

5.5.15.1.2. $\frac{5}{4}$

---

61.16.3. 6.0.0.4. Weight is 61 l. 9 ou. 15 dw. 6 gra.  $\frac{1}{2}$  the lib. mony standing for the lib. weight.

---

185. 8. 9. 18.0.2.2.

3. 1. 9. 18.1.0.4. $\frac{5}{1}$

1.10.10.21.0.2.2.0. $\frac{2}{2}$

---

A. 190. 1. 6.9.2.1.3.1.1.  $\frac{76}{192}\frac{8}{3}$  of a d  
If

# Additions.

101

If an Ingott of Gold weigh 9 l. 7 oun.  
13 dw. 18 gra. at  $\frac{1}{4}$  of a grain worse  
then the standard, and at 3 lib. 11 s.  
the ounce fine, how much is the fine Gold  
in weight, and what comes it to in money?

Answer, the fine Gold weighs 9 lib.  
7 oun. 7 dw. 4 gra.  $\frac{344}{1408}$  and the worth  
in money is 409 lib. 10 s. 5 d.  $\frac{1033}{1408}$

## The Work.

l.	s.	d.
115.	13.	9.
<hr/>		
57.	16.	10. $\frac{4}{2}$
28.	18.	5. 1.
14.	9.	2. 2. $\frac{4}{2}$
3.	12.	3. 2. 2. $\frac{4}{2}$
18.	--	3. 2. 2. $\frac{1}{2}$
<hr/>		
105.	14.	10. 3. 3. 0. 1. 11.
9.	12.	3. 0. 2. 3. 0. 7.

115. 7. 2. 0. 1. 3. 1. 7. Weight in  
ounces which is 9 lib. 7 oun. 7 dw.  
4 gra.  $\frac{344}{1408}$  the lib. money here standing  
for ounces.

346.	1. 6. 1. 1. 3. 0. 10.
57.	13. 7. 0. 0. 3. 1. 9.
5.	15. 4. 1. 0. 3. 1. 2.
<hr/>	
409.	10. 5. 2. 3. 2. 1. 10. $\frac{1033}{1408}$ of ad the

worth in money.

I will here also add the doing of these two last Questions by Logarithm Tables composed by my Father (which Tables not being fully finished and printed by him, may by me when occasion will permit) by which Tables such as can only add and subtract, may do these and all other difficult Arithmetical Questions easily and exactly. And when those Tables shall be perfected by me, I may let the Publisher hereof Print them.

*The former Question of the Silver by Logarithm Numbers.*

349843 for 65 l. 7 ou. 14 dw. 6 gra.  
 273432 for        11        6

---

623275

---

276042

---

347233 for 61 l. 9 ou. 15 dw. 6 gr. weight.  
 186805 for 3 l. 1 s. 6 d.

---

534038

---

168124 for 1 lib.

---

365914 for 190 l. 1 s. 6. d. the worth.

Thus

# Additions. 103

Thus may the Reader see, That by Logarithm numbers so ordered, this Question is easily and exactly to 1 d. done and performed by Addition and Substraction.

*The former Question of Gold done by Logarithm Numbers.*

266534 for 9 l. 7 onn. 13 dw. 18 gra.

---

302243 for 21 K. 3 q. 3. gra.

---

568777

---

302366 for 22 K.

---

266411 for 9 l. 7 on. 7 dw. 4 gr. the weig.

162941 for 3 l. 11 s. the price.

---

429352.

---

60206 for 1 ounce.

---

369146 for 409 l. 10 s. 5 d. the worth.

The Ingenious may here find how easily and exactly this Question is wrought and performed by Logarithm numbers thus ordered.

There

There are many Questions of Interest upon Interest, Rebate or Discount, the present worth of Annuities, Rents, or Pensions payable at half, yearly, or quarterly payments, very difficult and almost impossible to work true by vulgar Arithmetick, yet may easily and exactly be done by these Logarithms, by either adding or subtracting very few of those numbers. Some Examples for a taste to the Industrious do here follow.

*A Question of Interest upon Interest 150 l. being put out, and forborn 7 years 5 months and 9 days; How much comes it to at 6 l. per Cent per Annum use upon use.*

*Answer. 231 l. 8 s. 4 d.*

*The Work.*

355630 for 150 lib.

17714 for 7 years.

1054 for 5 months

63 for 9 days.

---

374461 a Logar. of 231 l. 8 s. 4 d.

Thus may difficult Questions of this Nature be done, by only adding four Numbers taken out of those Tables.



A Question of Rebate or Discompt, 237 l.  
16 s. 8 d. being due 4 years, 9 months,  
and 23 days hence, what is it worth to be  
paid present, Rebate or Discompt being  
made after 6 l. per Cent. per Annum com-  
pound Interest? Answer. 179 l. 3 s. 3 d.

The Work.

375648 for 237 l. 16 s. 8 d.

---

10123 for 4 years.

1898 for 9 months.

160 for 23 days.

---

12181

---

363467 a Logar. of 179 l. 3 s. 3 d.

A Question of the present work of  
an Annuity, Rent or Pension half yearly.

What is 137 l. Annuity, &c. to en-  
dure 21 years worth in ready money, dis-  
counting at Interest upon Interest after  
6 l. per Cent. per Annum, The Annuity  
growing due by 68 l. 10 s. half yearly?

Answer. 1659 l. 19 s. 5 d.

The

The Work by Logarithm Numbers.

953571

200000

183568

---

337139 for 2351 l. 7368.

946857

---

283996 for 681 7619

---

Rest. 1659 9749 which is  
1659 l. 19 s. 5 d.  $\frac{1}{2}$  for the present  
worth of this Annuity payable half  
yearly.

I shall not trouble the Reader with  
any more Questions of this Nature  
done by Logarithm Numbers, but re-  
fer him to what my Father saith upon  
his last Question of the Rule of Pra-  
ctise with Fractions. And do not  
doubt but the Industrious will soon  
attain to do Questions of Practise  
with Fractions after the Methods now  
published in this Edition, which after  
a little practise therein will be very  
easie and delightful to him.

*F I N I S.*

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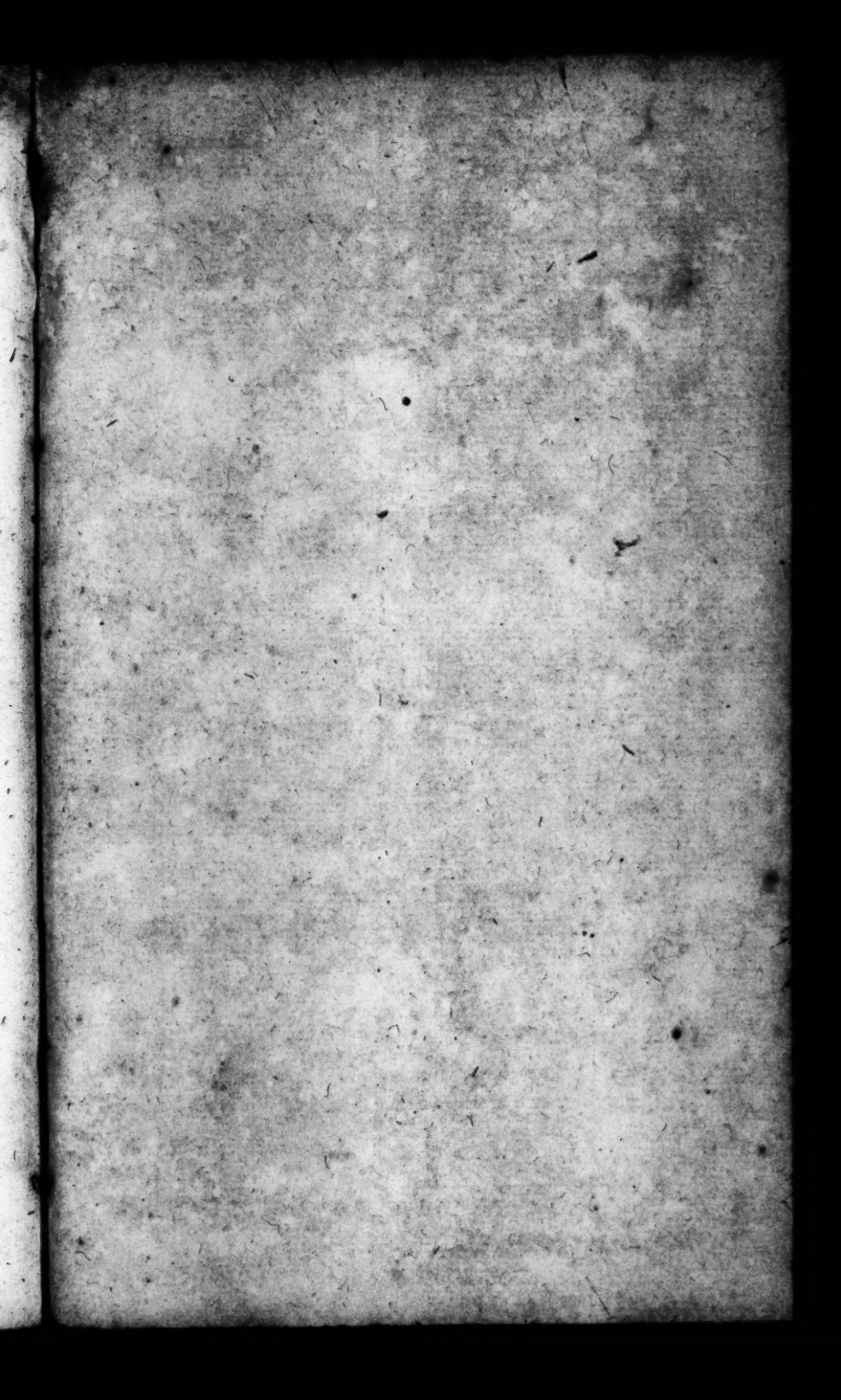
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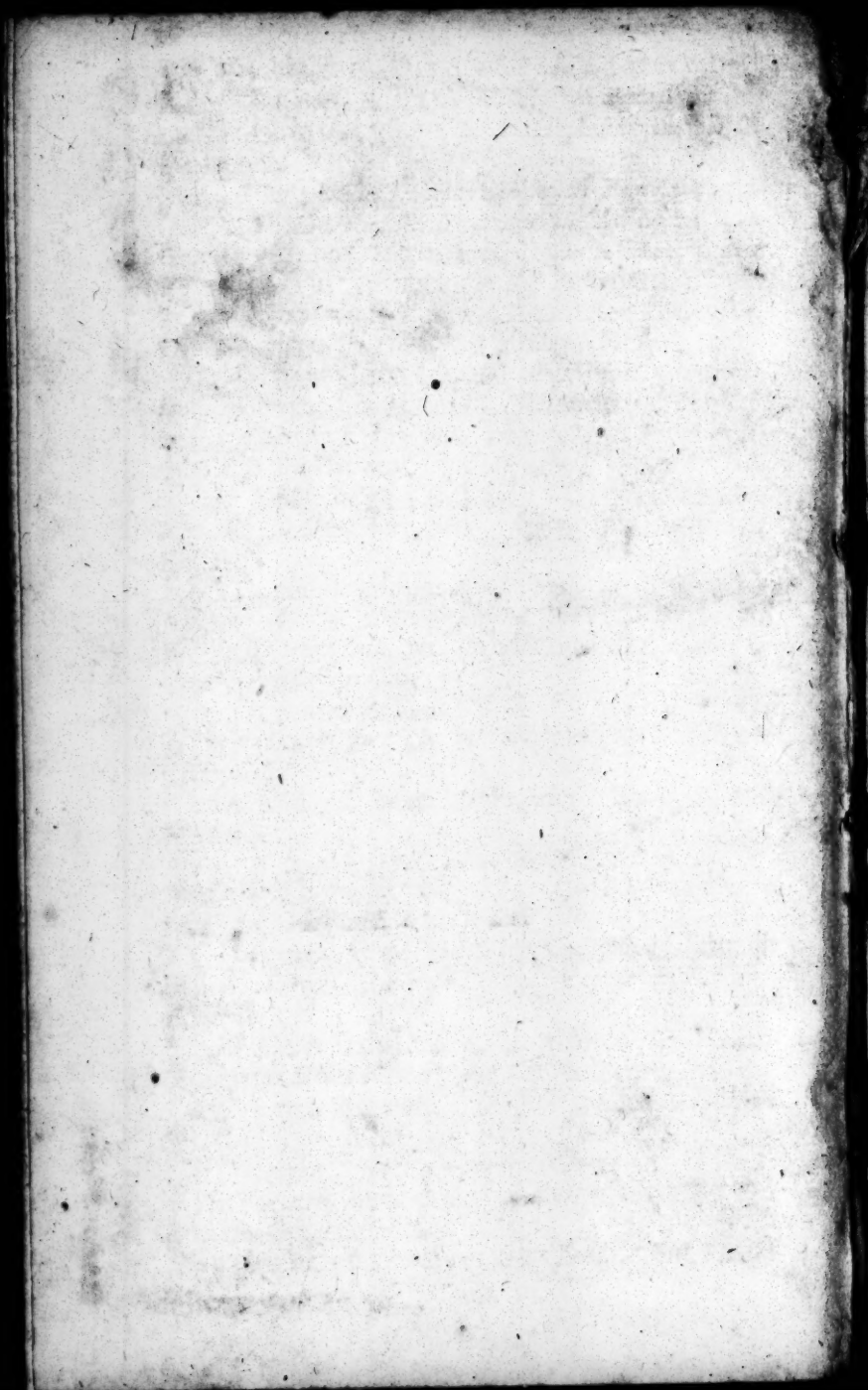
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